UNIVERSITY OF LONDON, UNIVERSITY COLLEGE.

REPORT OF THE UNIVERSITY COLLEGE COMMITTEE

(February 1920—February 1921),

WITH

FINANCIAL STATEMENTS

(FOR THE SESSION 1919-20),

AND

OTHER DOCUMENTS,

FOR PRESENTATION TO

THE SENATE.

LONDON:

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1921.

COLLEGE COMMITTEE

(For the Year ending February 28th, 1921).

Chairman: The Right Hon. Lord Reay, K.T., G.C.S.I., G.C.I.E., LL.D., D.Litt., Litt.D., F.B.A.

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*Sir Rickman J. Godlee, Bt., K.C.V.O., B.A., M.B., M.S., LL.D., F.R.C.S.†
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*Sir Ernest Moir, Bt., M.Inst.C.E.†
*Professor A. F. Murison, M.A., LL.D.
Professor F. W. Oliver, M.A., D.Sc., F.R.S.†
*Sir Edwin Cooper Perry, M.A., M.D., F.R.C.P., M.R.C.S. (Principal of the University).
*E. de Quincey Quincey (Master of the Drapers' Company).
Professor G. Elliot Smith, M.A., M.D., Ch.M., F.R.C.P., F.R.S.
*Andrew T. Taylor, J.P., L.C.C., R.C.A., F.S.A., F.R.I.B.A. (Chairman of the Managing Sub-Committee).

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* Member of Managing Sub-Committee.
† Fellow of the College.
†† Resigned November 1920.
** Appointed November 1920.
*** Deceased May 1920.

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HONORARY SANITARY ADVISER.

Professor H. R. KENWOOD, C.M.G., M.B., D.P.H.

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Senior Library Assistant.—A. L. EDWARDS.
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(*Clerk.*—E. W. FELLOWS.)

FOREMAN OF COLLEGE BUILDINGS.

W. H. WILLSTEED.

STEWARD.

DORA CALLADINE.

† Fellow of the College.

PROFESSORIAL BOARD.

Chairman.—Sir GREGORY FOSTER, B.A., Ph.D.†

	Appointed§
S. D. Adshead, M.A., F.R.I.B.A.	1914
E. A. Baker, M.A., D.Lit.	1919
W. M. Bayliss, M.A., D.Sc., F.R.S.†	1912
Norman H. Baynes, M.A.	1919
Sir William H. Bragg, K.B.E., M.A., D.Sc., F.R.S.	1915
Louis M. Brandin, M.A., Ph.D.	1901
Harold E. Butler, M.A.	1911
M. Cary, M.A.	1908
R. W. Chambers, M.A., D.Lit.† [Librarian]	1913
Antonio Cippico, Dr. J.	1918
A. J. Clark, M.D., M.R.C.P., D.P.H.	1919
E. G. Coker, M.A., D.Sc., M.Inst.C.E., F.R.S.	1914
J. Norman Collie, Ph.D., LL.D., D.Sc., F.R.S.	1902
J. E. G. de Montmorency, M.A., LL.B.	1920
F. G. Donnan, C.B.E., M.A., Ph.D., D.Sc., F.R.S.	1913
J. C. Drummond, D.Sc.	1920
L. N. G. Filon, M.A., D.Sc., F.R.S.†	1912
J. A. Fleming, M.A., D.Sc., F.R.S.†	1885
H. S. Foxwell, M.A., F.B.A.	1881
E. A. Gardner, Litt.D.	1896
E. J. Garwood, M.A., Sc.D., F.R.S.	1901
P. Geyl, Lit.D.	1919
H. E. Goad, O.B.E., M.A.	1920
Hermann Gollancz, M.A., D.Lit.	1902
J. J. Guest, M.A., M.I.Mech.E.	1917
G. Dawes Hicks, M.A., Litt.D., Ph.D.	1904
J. P. Hill, D.Sc., F.R.S.	1906
M. J. M. Hill, M.A., Sc.D., LL.D., F.R.S.†	1884
T. G. Hill, A.R.C.S.	1919
H. Hirschfeld, Ph.D.	1907
G. H. J. Hurst, M.A., LL.M.	1908
D. Jones, M.A.	1916
H. R. Kenwood, C.M.G., M.B., B.S., L.R.C.P., D.P.H., F.R.S.E.	1904

† Fellow of the College.

§ The dates given in the case of Professors are those in which they were appointed to their respective Chairs; in the case of others, the dates are those in which they were appointed members of the Professorial Board.

	Appointed§
W. P. Ker, M.A., LL.D., Litt.D., F.B.A.	1889
L. W. Lyde, M.A.	1903
P. J. Mantoux, D. ès Lettres	1913
F. C. Montague, M.A.†	1893
J. H. Morgan, M.A.	1915
A. F. Murison, M.A., LL.D.	1883
F. W. Oliver, M.A., D.Sc., F.R.S.†	1890
Karl Pearson, M.A., LL.D., F.R.S.	1884
W. M. Flinders Petrie, D.C.L., LL.D., F.B.A., F.R.S.	1892
T. G. Pinches, LL.D.	1907
J. Arthur Platt, M.A.	1894
A. F. Pollard, M.A., Litt.D., F.B.A	1903
A. W. Porter, D.Sc., F.R.S.†	1912
R. Priebsch, Ph.D.	1898
A. E. Richardson, F.R.I.B.A.	1919
J. G. Robertson, M.A., B.Sc., Ph.D.	1913
C. Singer, M.A., M.D., B.Ch., F.R.C.P., F.S.A.	1920
G. Elliot Smith, M.A., M.D., F.R.C.P., F.R.S.	1919
C. Spearman, Ph.D.	1911
E. H. Starling, C.M.G., M.D., B.S., Sc.D., F.R.C.P., F.R.S.	1899
A. Stratton, F.R.I.B.A., F.S.A.	1920
F. W. Thomas, M.A., Ph.D.	1913
J. Havard Thomas	1915
H. Tonks, F.R.C.S.	1917
A. Wolf, M.A., D.Lit.†	1911

COMMITTEE FOR THE PROMOTION OF SCANDINAVIAN STUDIES.

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Mr. J. Jörgensen.
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Mr. F. C. C. Nielsen.
Miss Anna C. Paues.
Mr. W. Perrett, B.A., Ph.D.
Professor J. G. Robertson, M.A.
Mr. H. Vallentin.

Dr. Walter W. Seton (Hon. Secretary).

† Fellow of the College.

§ The dates given in the case of Professors are those in which they were appointed to their respective Chairs; in the case of others, the dates are those in which they were appointed members of the Professorial Board.

DEPARTMENTS AND STAFF.

(*January* 1921.)

[The names of Members of the respective Faculties are printed in SMALL CAPITALS.

Faculty of Arts.

Dean.—Dr. R. W. CHAMBERS.

Vice-Dean.—Professor E. A. GARDNER.

Sub-Dean.—L. SOLOMON.

Subject.	*Name.*	*Status.*
Archæology	E. A. GARDNER, Litt.D.	Yates Professor.
	H. G. Spearing, M.A.	Lecturer.
Architecture	A.E.RICHARDSON,F.R.I.B.A.	Professor.
	S. D. ADSHEAD, M.A., F.R.I.B.A.	Professor of Town Planning.
	ARTHUR STRATTON, F.R.I.B.A., F.S.A.	Reader.
	Martin Briggs, F.R.I.B.A.	Lecturer.
	A. E. Henderson, F.S.A.	Assistant.
	E. P. B. Musman, B.A., A.R.I.B.A.	Assistant.
	James Burford, A.R.I.B.A.	Assistant.
	J. D. M. Harvey, B.A.	Assistant.
	A. Stanley Furner	Assistant.
Assyriology	T. G. Pinches, LL.D.	Lecturer.
Celtic	R. E. Flower, B.A.	Lecturer.
Dutch	P. GEYL, Lit.D.	Professor.
	Peter Harting	Reader.
Egyptology and Coptic	W. M. FLINDERS PETRIE, D.C.L., LL.D., F.R.S., F.B.A.	Edwards Professor.
	MARGARET A. MURRAY	Assistant.
	Georgiana Aitken	Hon. Assistant.

Subject.	*Name.*	*Status.*
English	W. P. Ker, M.A., LL.D., F.B.A.	Quain Professor.
	R. W. Chambers, M.A., D.Lit.†	Reader.
	Sir Gregory Foster, B.A., Ph.D.†	Lecturer.
	E. A. Baker, M.A., D.Lit.	Lecturer.
	J. H. G. Grattan, B.A.	Assistant.
	Elsie Blackman, M.A.†	Assistant.
	O. Doughty, M.A., B.Litt.	Assistant.
	Elsie V. Hitchcock, B.A.	Demonstrator.
	(*Vacant.*)	Quain Student.
Fine Arts	Henry Tonks	Slade Professor.
	J. Havard Thomas	Professor of Sculpture.
	Tancred Borenius, Ph.D.	Lecturer.
	Sidney Mawson	Lecturer.
	A. T. Porter, M.A.	Lecturer.
	W. W. Russell, A.R.A.	Assistant Professor.
	P. W. Steer	Assistant.
	G. Dixon	Assistant.
	C. K. Child	Assistant.
	G. J. Charlton	Assistant.
	F. C. White	Assistant.
	J. Wilkie	Assistant.
	John Wheatley	Assistant.
French	Louis M. Brandin, M.A., Ph.D.	Fielden Professor.
	J. W. Jeaffreson, B.A.	Senior Assistant.
	Beatrice J. Schlumberger, B.A.	Assistant.
	E. M. Stéphan	Assistant.
	Mary Williams, Doc. de l'Univ. de Paris.	Assistant.
Geography	E. J. Garwood, M.A., Sc.D., F.R.S.	Yates-Goldsmid Professor (Physical Geography).
	L. W. Lyde, M.A.	Professor (Economic Geography).
	M. T. M. Ormsby, M.Inst.C.E.I.	Reader (Surveying).
	Irene Curnow, B.A.	Assistant.
German	R. Priebsch, Ph.D.	Professor.
	J. G. Robertson, M.A., B.Sc., Ph.D.	Professor.
	W. Perrett, B.A., Ph.D.	Reader.
	A. G. Haltenhoff	Assistant.
Greek	J. Arthur Platt, M.A.	Professor.
	L. Solomon, M.A.	Assistant.
Hebrew	Hermann Gollancz, M.A., D.Lit.	Goldsmid Professor.

† Fellow of the College.

Subject.	*Name.*	*Status.*
History; Mediæval & Modern....	F. C. MONTAGUE, M.A.† ..	Astor Professor.
,, ; English	A. F. POLLARD, M.A., Litt.D., F.B.A.	Professor.
	ELIZA JEFFRIES DAVIS, M.A.	Lecturer.
	E. R. ADAIR, M.A.	Assistant.
	Isobel D. Thornley, M.A..	Assistant.
	J. E. Neale, M.A.	Assistant.
,, ; Modern French	P. J. MANTOUX, D. ès Lettres.	Professor.
,, : Diplomatic ..	H. W. V. Temperley, M.A.	Lecturer.
,, ; Ancient	M. CARY, M.A.	Reader.
,, ; Roman Empire	NORMAN H. BAYNES, M.A.	Reader.
Italian	ANTONIO CIPPICO, Dr. J...	Professor.
	H. E. GOAD, O.B.E., M.A.	Reader.
	EDMUND G. GARDNER, M.A., Litt.D.	Barlow Lecturer
	Camillo Pellizzi, Dr. J.....	Assistant.
Latin	H. E. BUTLER, M.A.	Professor.
	L. SOLOMON, M.A.	Assistant.
	(*Vacant.*)	Junior Assistant.
Librarianship	E. A. BAKER, M.A., D.Lit.	Director and Lecturer.
	Arundell Esdaile, B.A.	Assistant (Bibliography).
	W. R. B. Prideaux, B.A...	Assistant (Cataloguing and Library Routine).
	W. C. Berwick Sayers	Assistant (Classification).
	H. West Fovargue.....	Assistant (Public Library Law).
	B. M. Headicar	Assistant (Library Organisation).
	R. W. CHAMBERS, M.A., D.Lit.	Lecturer (Literary History).
	Hilary Jenkinson, B.A., F.S.A.	Assistant (Palæography and Archives).
	L. Newcombe	Assistant to Director.
Mathematics (Applied) and Mechanics.	L. N. G. FILON, M.A., D.Sc., F.R.S.†	Professor.
	M. T. M. Ormsby, M.Inst. C.E.I.	Reader (Surveying).
	H. T. Davidge, B.Sc.	Lecturer.
	G. B. JEFFERY, M.A., D.Sc.†	Assistant.
	H. J. Harris, B.A.....	Assistant.
	H. T. Jessop, B.Sc.	Research Assistant and Demonstrator.
	Dorothy Tuck, B.Sc.....	Demonstrator.
	F. C. Harris	Demonstrator.

† Fellow of the College.

Subject.	*Name.*	*Status.*
Mathematics (Applied) and Mechanics (*cont.*).	W. B. Rimmer, M.Sc.	Demonstrator (Astronomy).
Mathematics (Pure)	M. J. M. Hill, M.A., LL.D., Sc.D., F.R.S.†	Astor Professor.
	T. L. Wren, M.A.	Reader (Geometry).
	H. J. Harris, B.A.	Assistant.
	Dorothy M. Wrinch, M.Sc.	Hon. Research Assist.
	A. E. Birch, M.A.....	Assistant.
	Florence M. Wood, B.A...	Assistant.
	Margaret T. Meyer	Demonstrator.
Military Science	Lt.-Col. G. P. A. Phillips, O.B.E.	Lecturer.
Philology; Comparative.	F. W. Thomas, M.A., Ph.D.	Lecturer.
,, ; Germanic ..	R. Priebsch, Ph.D.	Professor.
,, ; Romance ..	Louis M. Brandin, M.A., Ph.D	Professor.
Philosophy and Psychology.	G. Dawes Hicks, M.A., Litt.D., Ph.D.	Professor (Philosophy).
	C. Spearman, Ph.D.	Grote Professor (Mind and Logic).
	A. Wolf, D.Lit., M.A.....	Reader (Logic and Ethics).
	Carveth Read, M.A.	Lecturer.
	J. C. Flügel, B.A.	Lecturer.
	F. Aveling, D.Sc., Ph.D., D.D.	Assistant Professor.
	S. Philpott, B.A.	Assistant.
	M. Ginsberg, M.A.	Assistant.
	Winifred Peyer, B.A.	Hon. Demonstrator.
	Beatrice Nahim, B.A.	Hon. Demonstrator.
Phonetics	D. Jones, M.A.....	Reader.
	W. Perrett, B.A., Ph.D.	Reader (German).
	Lilias E. Armstrong, B.A.	Lecturer.
	Hélène Coustenoble	Assistant.
	Marguerite Grémaud	Assistant.
	A. Lloyd James, M.A.....	Assistant.
	Cyrille Jones	Assistant.
	Stephen Jones, B.Sc.	Assistant.
	Harold E. Palmer	Assistant.
	A. Dorothy Parkinson	Assistant.
	E. M. Stéphan	Assistant.
	Ida C. Ward, B.Lit.	Assistant.
	Z. M. Arend-Choinsky	Hon. Assistant.
	H. S. Perera, B.A.	Hon. Assistant.
Politica Economy.....	H. S. Foxwell, M.A., F.B.A.	Professor.
	Sir Josiah C. Stamp, K.B.E., D.Sc.	Newmarch Lecturer.
Scandinavian Studies ..	W. P. Ker, M.A., LL.D., F.B.A.	Director.
	J. H. Helweg, cand. mag. (Copenhagen).	Lecturer (Danish).
	I. C. Gröndahl, cand. mag. (Christiania).	Lecturer (Norwegian).

† Fellow of the College.

Subject.	*Name.*	*Status.*
Scandinavian Studies (*cont.*).	Im. Björkhagen, Phil. Mag. (Upsala).	Lecturer (Swedish).
Semitic (North) Epigraphy.	H. Hirschfeld, Ph.D.	Lecturer.
Tibetan	F. W. Thomas, M.A., Ph.D.	Reader.
Town Planning (see Architecture).		

Faculty of Laws.

Dean.—Professor A. F. Murison.
Vice-Dean.—Professor J. H. Morgan.

Comparative Law	J. E. G. de Montmorency, M.A., LL.B.	Quain Professor.
Constitutional Law	J. H. Morgan, M.A.	Professor.
English History.....	A.F.Pollard,M.A.,Litt.D., F.B.A.	Professor.
English Law	G.H.J.Hurst,M.A.,LL.M.	Reader.
Indian Law	A. Sabonadière	Lecturer.
Jurisprudence.....	A.F.Murison,M.A.,LL.D.	Professor.
Roman Dutch Law	(*Vacant.*)	Professor.
Roman Law	A. F. Murison, M.A., LL.D.	Professor.

Faculty of Science.

Dean.—Professor M. J. M. Hill.
Vice-Dean.—Professor W. M. Bayliss.
Sub-Dean.—H. J. Harris.

Botany	F. W. Oliver, M.A., D.Sc., F.R.S.†	Quain Professor.
	T. G. Hill, A.R.C.S.	Reader (Plant Physiology).
	Winifred Smith, B.Sc...	Lecturer.
	E. J. Salisbury, D.Sc.†..	Lecturer.
	Paul Haas, D.Sc.	Lecturer.
	E. M. Cutting, M.A.	Assistant.
	(*Vacant.*)	Demonstrator.
	(*Vacant.*)	Quain Student.
Chemistry	J. Norman Collie, Ph.D., LL.D., D.Sc., F.R.S.	Professor (Organic) and Director of Laboratories.
	F.G.Donnan,C.B.E.,M.A., Ph.D.,D.Sc.,F.I.C.,F.R.S.	Professor (General).
	Irvine Masson, M.B.E., D.Sc.	Reader (Inorganic).
	Francis W. Goodbody, M.D., M.R.C.P.	Lecturer (Medical).
	Oscar L. Brady,D.Sc.,F.I.C.	Lecturer (Organic).
	H. J. Evans, B.Sc.	Lecturer to Medical Students.
	KatherineA.Burke,B.Sc.	Assistant.
	H. Terrey, B.Sc.	Assistant.
	W. E. Garner, M.Sc.	Assistant.

† Fellow of the College.

Subject.	*Name.*	*Status.*
Chemistry (*cont.*).	L. F. Gilbert, B.Sc.	Assistant.
	C. R. Bailey, B.Sc.	Assistant.
	J. N. E. Day, B.Sc., ... A.R.C.S., A.I.C.	Assistant.
	A. L. M. Sowerby	Assistant.
	H. Allan	Student Demonstrators.
	D. N. Jackman	
Applied Statistics and Eugenics.	KARL PEARSON, M.A., LL.D., F.R.S.	Galton Professor.
	M. Greenwood, M.R.C.P., M.R.C.S.	Reader (Medical Statistics).
	Ethel M. Elderton†	Galton Research Fellow.
	C. E. Rhodes, M.A.	Assistant.
	M. Noel Karn	Assistant.
	Margaret Moul	Assistant.
	Julia Bell, M.A.	Assistant.
	(*Vacant.*)	Assistant.
	H. E. Soper, M.A.	Research Assistant.
	Margaret B. Child	Secretary of Galton Laboratory.
Geology, Physical Geography, and Mineralogy.	E. J. GARWOOD, M.A., Sc.D., F.R.S.	Yates-Goldsmid Professor.
	J. V. Elsden, D.Sc.	Assistant.
	Edith Goodyear, B.Sc. ..	Research Assistant.
	R. G. Hudson	Demonstrator.
Pharmacology	A. J. CLARK, M.D., M.R.C.P., D.P.H.	Professor.
	J. S. H. Lewis, M.B., B.S.	Assistant.
Physics	Sir WILLIAM H. BRAGG, K.B.E., M.A., D.Sc., F.R.S.	Quain Professor.
	A. W. PORTER, D.Sc., F.R.S.†	Reader (Thermodynamics).
	N. EUMORFOPOULOS, B.Sc.†	Hon. Research Assist.
	D. ORSON WOOD, A.R.C.S., M.Sc.	Assistant.
	G. A. Sutherland, B.A. ..	Assistant.
	S. M. Dhar, B.Sc.	Assistant.
	I. Backhurst, B.Sc.	Demonstrator.
	R. E. Gibbs, B.Sc., A.Inst.P.	Demonstrator.
	W. S. Stiles, B.Sc.	Demonstrator.
Physiology	E. H. STARLING, C.M.G., M.D., B.S., Sc.D., F.R.C.P., F.R.S.	Jodrell Professor.
	W. M. BAYLISS, M.A., D.Sc., F.R.S.†	Professor (General Physiology).
	J. C. DRUMMOND, D.Sc. ..	Reader (Physiological Chemistry).
	D. T. Harris, M.B., B.S., Ch.B., B.Sc.	Assistant & Sharpey Scholar.
	G. V. Anrep, M.D.	Assistant.
	Ruth F. Skelton, B.Sc.	Assistant.
	I. de Burgh Daly, M.A., M.B., B.C.	Assistant.

† Fellow of the College.

Subject.	*Name.*	*Status.*
Physiology (*cont.*).	R. K. Cannan, B.Sc.	Assistant (Chem.Physiology).
	Henrietta W. Bainbridge, B.Sc.	Assistant.
	Katharine H. Coward, B.Sc.	Assistant.
	G. P. Crowden	Student Demonstrators.
	Elfrida L. G. Hill	
	M. A. Townshend	
	A. W. Grace	Demonstrator.
Zoology and Comparative Anatomy.	J. P. Hill, D.Sc., F.R.S. ..	Jodrell Professor.
	D. M. S. Watson, M.Sc. ..	Lecturer.
	J. Bronté Gatenby, B.A., D.Phil.	Senior Assistant and Lecturer in Cytology.
	J. T. Carter, F.Z.S.	Hon.ResearchAssist.
	Elizabeth A. Fraser, D.Sc. .	Hon.ResearchAssist.
	Katharine M. Watson, D.Sc.	Hon.ResearchAssist.
	G.S. Sansom, M.C., D.F.C., B.Sc.	Hon.ResearchAssist.
	J. H. Woodger, B.Sc.	Assistant.
	Gladys E. Webb	Assistant.
	Helga S. Pearson, B.Sc. ..	Assistant.
	G. E. Bullen	Hon. Curator.

[The Professors of Anatomy, Archæology, Economic Geography, Egyptology, Pure Mathematics, Applied Mathematics and Mechanics, Philosophy of Mind and Logic, and Political Economy, Mr. Davidge, Mr, H. J. Harris, Dr. Jeffery, Lt.-Col. Phillips, and Mr. Wren are also Members of this Faculty.]

Faculty of Engineering.

Dean.—Professor E. G. Coker.
Vice-Dean.—Professor J. A. Fleming.
Sub-Dean.—W. C. Clinton.

Engineering; Civil, and Mechanical.	E. G. Coker, M.A., D.Sc., F.R.S., M.Inst.C.E.	Professor.
	J. J. Guest, M.A., M.I.Mech.E.	Reader (Graphics and Structural Engineering).
	M. T. M. Ormsby, M.Inst.C.E.I.	Reader (Surveying).
	Arthur H. Barker, B.A., B.Sc.	Lecturer (Heating and Ventilating).
	H. Deans, M.A., M.Inst. C.E.	Lecturer (Railway Engineering).
	A. T. Walmisley, M.Inst.C.E.	Lecturer (Waterways, Harbours, & Docks).

Subject.	*Name.*	*Status.*
Engineering, etc. (*cont.*)	H. P. Philpot, B.Sc., A.M. Inst.C.E.,A.M.I.Mech.E., M.I.A.E.	Assistant Professor.
	E. Sprague, A.M.Inst.C.E.	Assistant.
	B. J. Lloyd Evans, B.Sc.	Assistant.
	G. D. Dewar, B.Sc.	Assistant.
	E. M. van der Meersch	Assistant.
	D. Cameron.....	Demonstrator.
	M. Kinoshita, M.Sc.	Research Assistants (Heating and Ventilating).
	Gwenneth Haigh	
	Mabel Slater	
Engineering; Electrical.	J. A. Fleming, M.A., D.Sc., F.R.S.†	Pender Professor.
	C. C. Hawkins, M.A., M.Inst.E.E.	Lecturer.
	W. C. Clinton, B.Sc., M.Inst.E.E.†	Assistant Professor.
	J. Mould, B.Sc.	Assistant.
Engineering; Municipal.	(*Vacant.*)	Edwin Chadwick Professor.
	M. T. M. Ormsby, M.Inst. C.E.I.	Reader (Surveying).
Hygiene and Public Health.	H. R. Kenwood, C.M.G., M.B., D.P.H., F.C.S., F.R.S.E.	Edwin Chadwick Professor.
	A.G.R.Foulerton, F.R.C.S., D.P.H.	Lecturer.
	M. E. Delafield, B.A., M.B., L.R.C.P., D.P.H.	Assistant.
	F. T.Marchant, M.R.San.I.	Asst. Demonstrator.

[The Professors of Architecture, Chemistry (General), Geology, Mathematics (Pure), Applied Mathematics and Mechanics, Physics, and Town Planning, together with Dr. Elsden, Mr. H. J. Harris, Dr. Porter, and Mr. Orson Wood, are also Members of this Faculty.]

Faculty of Medical Sciences.

Dean.—Professor G. Elliot Smith.
Vice-Dean.—Professor J. P. Hill.
Sub-Dean.—H. Woollard.

Anatomy	G. Elliot Smith, M.A., M.D.,Ch.M.,F.R.C.P.,F.R.S.	Professor.
	Herbert Woollard,M.D., B.S.	Senior Demonstrator.
	Raymond A. Dart, M.Sc., M.B., Ch.M.	Demonstrator.
	J. Shellshear, D.S.O., M.B., Ch.M.	Demonstrator.
	H. A. Harris, B.Sc., M.R.C.S., L.R.C.P.	Demonstrator and Curator of Museum.

† Fellow of the College.

Subject.	*Name.*	*Status.*
Anatomy (*cont.*).	R. B. Green, M.R.C.S., L.R.C.P.	Demonstrator.
	E. H. Wolff, M.B., B.S.	Assist. Demonstrator.
Botany	F. W. Oliver, M.A., D.Sc., F.R.S.†	Quain Professor.
	T. G. Hill, A.R.C.S.	Reader (Plant Physiology).
	E. M. Cutting, M.A.	Assistant.
Chemistry	J. Norman Collie, LL.D., Ph.D., D.Sc., F.R.S.	Professor (Organic).
	F. G. Donnan, C.B.E., M.A., Ph.D., D.Sc., F.R.S.	Professor (General).
	F. W. Goodbody, M.D., M.R.C.P.	Lecturer (Medical Chemistry).
	H. J. Evans, B.Sc.	Lecturer in Chemistry to Medical Students.
Hygiene and Public Health.	H. R. Kenwood, C.M.G., M.B., D.P.H., F.C.S., F.R.S.E.	Edwin Chadwick Professor.
	A. G. R. Foulerton, F.R.C.S., D.P.H.	Lecturer on Diseases Common to Man and the Lower Animals.
	M. E. Delafield, B.A., M.B., L.R.C.P., D.P.H.	Assistant.
	F. T. Marchant, M.R.San.I.	Assist. Demonstrator.
Medicine, History of	C. Singer, M.A., M.D., B.Ch., F.R.C.P., F.S.A.	Lecturer.
Pharmacology	A. J. Clark, M.D., M.R.C.P., D.P.H.	Professor.
	J. S. H. Lewis, M.B., B.S.	Assistant.
Physics	Sir William H. Bragg, K.B.E., M.A., D.Sc., F.R.S.	Quain Professor.
	A. W. Porter, D.Sc., F.R.S.†	Reader (Thermodynamics).
	N. Eumorfopoulos, B.Sc.†	Hon. Research Assist.
	D. Orson Wood, M.Sc.	Assistant.
	G. A. Sutherland, B.A.	Assistant.
	S. M. Dhar, B.Sc.	Assistant.
	I. Backhurst, B.Sc.	Demonstrator.
	R. E. Gibbs, B.Sc., A.Inst.P.	Demonstrator.
	W. S. Stiles, B.Sc.	Demonstrator.
Physiology	E. H. Starling, C.M.G., M.D., B.S., Sc.D., F.R.C.P., F.R.S.	Jodrell Professor.
	W. M. Bayliss, M.A., D.Sc., F.R.S.†	Professor (General Physiology).
	J. C. Drummond, D.Sc.	Reader (Physiological Chemistry).

† Fellow of the College.

Subject.	*Name.*	*Status.*
Physiology (*cont.*).	D. T. Harris, M.B., B.S., Ch.B., B.Sc.	Assistant & Sharpey Scholar.
	G. V. Anrep, M.D.	Assistant.
	Ruth F. Skelton, B.Sc. ..	Assistant.
	I.de Burgh Daly, M.A., M.B., B.C.	Assistant.
	R. K. Cannan, B.Sc.....	Assistant (Chem. Physiology).
	Henrietta W. Bainbridge, B.Sc.	Assistant.
	Katharine H. Coward, B.Sc.	Assistant.
Zoology and Comparative Anatomy.	J. P. Hill, D.Sc., F.R.S. .	Jodrell Professor.
	D. M. S. Watson, M.Sc. ..	Lecturer.
	J. Bronté Gatenby, B.A., D.Phil. (Oxon.)	Senior Assistant and Lecturer in Cytology.
	J. T. Carter, F.Z.S.	Hon. Research Assistant.
	Elizabeth A. Fraser, D.Sc..	Hon. Research Assistant.
	G. S. Sansom, M.C., D.F.C., B.Sc.	Hon. Research Assistant.
	Katharine M. Watson, D.Sc.	Hon. Research Assistant.
	J. H. Woodger, B.Sc. ..	Assistant.
	Gladys E. Webb	Assistant.
	Helga S. Pearson, B.Sc. ..	Assistant.
	G. E. Bullen	Hon. Curator.

PROFESSORES EMERITI.

Sir A. B. W. Kennedy, F.R.S.	Mechanical Engineering.....	1889
Sir John Williams, Bt., M.D.†	Obstetric Medicine	1893
The Rev. T. G. Bonney, D.Sc., F.R.S.	Geology	1901
James Sully, M.A., LL.D.....	Philosophy of Mind and Logic.	1904
Sir John Tweedy, F.R.C.S., LL.D...	Ophthalmic Medicine and Surgery.	1904
Sir E. Ray Lankester, M.A., LL.D., F.R.S.	Zoology and Comparative Anatomy.	1906
Sir Thomas Barlow, Bt., K.C.V.O., M.D., F.R.C.P., F.R.S.	Clinical Medicine.....	1911
Sir Rickman J. Godlee, Bt., K.C.V.O., M.S., B.A., LL.D., F.R.C.S.†	Clinical Surgery	1914
Bilton Pollard, M.D., B.S., F.R.C.S..	Clinical Surgery	1914
F. T. Trouton, M.A., Sc.D., F.R.S...	Physics	1916
Frederick Brown	Fine Art	1918
Frederick M. Simpson, F.R.I.B.A...	Architecture.....	1919
Sir George D. Thane, LL.D., Sc.D., F.R.C.S.	Anatomy	1919
Sir John Macdonell, K.C.B., M.A., LL.D.	Comparative Law.....	1920

REPORT OF THE COLLEGE COMMITTEE.

STUDENTS AND FEES.

SESSION 1919-1920.

The number of Students, other than Evening and Vacation Students, who registered during the Session 1919–20 was 2157, being an increase of 513 as compared with the preceding Session. The number of Evening Students was 389, being an increase of 129 as compared with the previous Session; 287 Students attended the Vacation Courses, as compared with 144 in the previous Session. Adding these together, the total is 2833, being an increase of 785 on the previous year. The Students were distributed as follows:—

	Men.	Women.	Total.
I. Faculty of Arts			
(*a*) General	218	235	453
(*b*) Department of Fine Arts	116	226	342
(*c*) School of Architecture.....	106	11	117
(*d*) School of Librarianship	49	51	100
(*e*) School of Journalism	40	3	43
II. Faculty of Science	198	66	264
III. Faculty of Medical Sciences ..	191	90	281
IV. Faculty of Engineering	131	2	133
V. Faculty of Laws	32	4	36
VI. Post-Graduate and Research ..	282	106	388
Total	1363	794	2157
VII. Evening:			
Arts	128	261	389
VIII. Vacation	96	191	287
Grand total	1587	1246	2833

There were 904 registered Internal Students of the University, compared with 563 in the previous year.

The geographical districts from which the Students came are given in Appendix I. (see p. 55).

The total fees available for the service of the Session 1919–20 amounted to £45,604 18*s.* 5*d.*, an increase of £19,300 4*s.* 8*d.* on the previous Session.

THE CURRENT SESSION (1920–21).

The number of Students who have completed their registration and paid fees up to January 31st, 1921, is 2577, as compared with 2262 at the corresponding date in 1920, which is an increase of 315.

The fee revenue (including fees of London County Council and Board of Education Students) to January 31st, 1921, amounts to £57,436, showing an increase of £18,236 as compared with the corresponding date in 1920, an increase which is in some measure due to the larger fees. (See p. 17—The Current Financial Year).

GENERAL FINANCES.

Financial Year 1919–20.

The Financial Year was changed at the request of the University Grants Committee, with the result that the Accounts for 1919–20 are for eleven months only.

The Accounts for the eleven months, September 1st, 1919, to July 31st, 1920, are appended to this Report (Appendix II., pp. 57–73).

College Establishment Income and Expenditure Account.

Income.—The ordinary income was £115,067 13*s.* 0*d.* as compared with £75,613 9*s.* 3*d.* in 1918–19, an increase of £39,454 3*s.* 9*d.*

Expenditure.—The ordinary expenditure was £117,704 6*s.* 5*d.* as compared with £77,824 8*s.* 1*d.* in 1918–19, an increase of £39,379 18*s.* 4*d.*

The excess of ordinary expenditure over ordinary income for 1919–20 was, therefore, £2,636 13*s.* 5*d.* At the end of the Session 1918–19, there was an accumulated deficit of £2,208, making the total deficit to the end of 1919–20 £4,844 13*s.* 5*d.* This deficit, however, has been discharged out of a fifth instalment (£9,750) of the Treasury Grant, which is extraordinary income for the year. The reception of five instalments in the Financial Year 1919–20 is accounted for by the concurrent changes in the College financial year and in the dates of payment of the instalments of the Treasury Grant. The Treasury Grant was formerly paid for the Government financial year and the instalment received in September, although strictly earned in the previous academic financial year, was, as an act of prudence, carried to the credit of the ensuing academic financial year.

With the larger revenue, due partly to the increase of the Treasury Grant and partly to the receipts from fees reaching a level of £5,000 greater than that of pre-war times, some of the long overdue increases

in salaries, rendered all the more urgent by the change in the value of money, were made. The minimum salaries for a full-time professor and a full-time reader were raised respectively by 33⅓ per cent., viz., from £600 to £800 and from £300 to £400. Increases were given to members of the assistant staff, for the most part at the same rate, in a few cases at the rate of 50 per cent. In spite of these increases, the salaries of the staff, both academic and administrative, still remain inadequate. The College Committee is considering the whole matter and will shortly present a report thereon. It was not possible, out of the ordinary revenue, to give an increase to any member of the staff whose salary was already £800 and above.

In order to meet hard and urgent cases, £4,462 out of a further non-recurrent grant was devoted to bonuses.

The *Grants* from the Treasury, the London County Council, the Surrey County Council, and other bodies, are set out in the Accounts. It will be seen (see Appendix III., p. 75) that they amount to £47,680 out of a total revenue of £115,067 13*s.* 0*d.*, while the amount of fees paid by Students is £45,604 18*s.* 5*d.* This shows how greatly the cost of the educational work done by the College exceeds the amount of fees paid by Students.

Subscriptions and Donations (see Appendix III., pp. 75, 76) amounted to £3,535 9*s.* 11*d.*, of which £39 4*s.* 0*d.* was for general purposes.

The General Balance Sheet.

The only substantial change in this during the year is the loan for the purchase of the two houses in Gower Street. The repayment of this has been made out of the capital gift from the Rockefeller Trustees, the first instalment of which has now been received.

The Current Financial Year.

Estimates 1920–21.

After prolonged consideration, and not until after the deputation to the Chancellor of the Exchequer, it was decided that the fees payable for Students must be increased, if the College was to be effectively maintained. The increases in the Composition Fees vary in the different Faculties and Schools from 33⅓ per cent. to 40 per cent.; in the separate Class Fees a flat rate increase of 50 per cent. was adopted. When conditions permit, it is hoped that the fees will again be gradually reduced.

The estimates for the current financial year have been approved by the Senate and show an anticipated excess of expenditure over income amounting to £3,824.

Owing to the continual fluctuation in prices, especially of scientific apparatus, and to the necessity of re-equipping most of the departments with apparatus, it is extremely difficult to forecast accurately the financial results of the year. Moreover, although it has been possible to make some increase in the salaries of the members of the academic and administrative staffs and in the wages of the domestic staff, those salaries and wages are still inadequate, more particularly in view of the prevailing cost of living. It is impossible to deal with the financial problems occasioned by these circumstances in any complete or satisfactory way until the Treasury, after receiving a report from the University Grants Committee, have decided the grant to the College for the next quinquennium. A Memorandum indicating the financial position and the urgent needs of the College has been submitted to that Committee.

Members of the College will remember that in assessing the claims to Government Grants the Treasury always has regard to the amount of local effort. While recording their appreciation of the help that the Fellows and friends of the College have given in providing special donations to meet the difficulties of the last few years, the Committee desire again to invite them to assist at this critical time.

Additional funds are needed for general purposes, and very urgently for the completion of the Chemistry Laboratories. The work of raising funds for these Laboratories was interrupted by the outbreak of War and has not been completed. The following is the present position:—(i.) Excess of expenditure over subscriptions, £3,943; (ii.) Equipment of Physical and Electrical Chemistry Laboratory, £10,000; (iii.) Development of Research Work, £6,000, making a total of £19,943 0 0

Promised by Sir Ralph Forster on condition that the remainder of the sum required is raised, £5,000; Other gifts received, 1,161 14*s.*, making a total of .. 6,161 14 0

Leaving a Balance to be raised of £13,781 6 0

With the authority of the Senate, the Equipment and Endowment Fund Committee, under the presidency of H.R.H. Prince Arthur of Connaught, have issued an appeal for the sum of £100,000 towards the completion of the south-west wing for the School of Engineering and for the re-equipment of the Engineering Departments. Towards this, a sum of £32,986 has already been raised in promises and gifts, with a further contingent gift of £10,000 from Lord Cowdray as soon as £70,000 has been promised. The completion of this fund is an urgent necessity in the interests of Engineering education.

THE COLLEGE COMMITTEE.

The Treasurer, Mr. F. V. Schuster, returned from War Service during the Session 1919–20. Mr. H. Keene had been Acting-Treasurer during his absence. The Senate appointed Mr. Keene and Mr. Schuster Joint Honorary Treasurers for the year 1920–21.

Sir Ralph Forster, Bt., has been obliged, owing to his numerous engagements, to retire from the Committee, and Sir Alexander Gibb, G.B.E., C.B., M.Inst.C.E., a Fellow of the College, has been elected to fill the vacancy thus created.

Dr. G. F. Blacker, Dean of University College Hospital Medical School, a Fellow of the College, was appointed a member of the Committee for the current year.

Professor G. Elliot Smith was appointed one of the representatives of the Professorial Board on the Committee *vice* Professor Starling retired.

The death of Miss Margaret Gilliland, a member of the Committee, is referred to on p. 21.

SOLICITOR TO THE COLLEGE.

Mr. John Withers, C.B.E., M.A., head of the firm of Messrs. Withers, Bensons, Currie, Williams & Co., has been appointed Solicitor and Legal Adviser to the College *vice* Mr. W. Arthur Sharpe deceased.

REPRESENTATIVES.

The Senate have appointed the following Representatives in respect of University College:—

The Provost (Sir Gregory Foster) and Professor Sir William Bragg on the Joint Committee constituted by the Senate for the purpose of framing a report on a communication received from the Civil Service Commission *in re* the Open Competitive Examination for the Indian Civil Service.

The Provost (Sir Gregory Foster) and Mr. Andrew Taylor on the Architectural Education Committee.

Mr. Robert H. Benson on the British Institution Scholarship Fund, for a further period of five years from July 1920.

Professor H. E. Butler on the Governing Body of the United Westminster Schools *vice* Professor Sir George Thane resigned. Professor Butler has since resigned this appointment, and Mr. Harold Goad has been appointed representative in his stead.

Mr. H. Keene on the Jevons Memorial Trust *vice* Lord Shuttleworth resigned.

Dr. Walter W. Seton on the Central Council of the Federated Superannuation System, and on the Governing Body of the Central Foundation Schools.

Professor Samuel Smiles on the Board of Governors of the Reigate Grammar School *vice* Professor E. A. Gardner resigned.

The Provost (Sir Gregory Foster), the Sub-Dean of the Faculty of Arts (Mr. L. Solomon), and Professor W. M. Bayliss (in respect of the Faculty of Medical Sciences) represent the College Committee on the London Intercollegiate Scholarships Board.

The Provost (Sir Gregory Foster), Dr. F. W. Goodbody, and Mr. Raymond Johnson represent the College Committee on the Committee of Management of University College Hall.

The Provost (Sir Gregory Foster) has been nominated as the representative of the College Committee on the Council of College Hall, London.

Professor Kenwood represented the University in respect of the College at the Congress of the Royal Sanitary Institute held at Birmingham in July 1920.

The College Committee appointed Professor Coker to watch the interests of the College in matters concerning the Bill for the Registration of Engineers.

DEATHS.

In connection with the lamented death of H.R.H. the Crown Princess of Sweden, the College Committee passed the following Resolution at their meeting in May 1920:—

> That the Chairman (Lord Reay) be requested to convey the respectful condolence of the College Committee to H.R.H. the Duke of Connaught and to H.R.H. Prince Arthur of Connaught upon the loss which they have sustained through the death of H.R.H. the Crown Princess of Sweden.

Messages of thanks were received from Their Royal Highnesses.

The College Committee record with regret the death of the following persons connected with the College:—

Mr. W. Arthur Sharpe (Member of College Council from 1885; Hon. Auditor of the College Accounts from 1881 to 1885; Treasurer from 1889 to 1901; Chairman of the Committee of Management from 1899 to 1902; Member of the College Committee till 1910; Former Life-Governor; Solicitor and Legal Adviser).

The following is the Resolution of the College Committee adopted at their meeting in October 1920:—

> The University College Committee desire to record their deep sense of the great loss sustained by the College in the death of

their former colleague and late solicitor, Mr. William Arthur Sharpe, who, following his uncle, Mr. Samuel Sharpe, upon the Council of the College in 1885, took an active and very valuable part in the conduct of its affairs for 25 years, resigning in 1910 in order, as College Solicitor, to continue his service of the College for the remainder of his life.

. . . . . In every capacity in which he served the College his experience of affairs, sound judgment, and unfailing courtesy and tact were in constant exercise and will be greatly missed.

The University College Committee desire to express their sympathy with his family in their irreparable loss.

The College Committee were represented at the Memorial Service on 24th September by the Chairman of the Managing Sub-Committee (Mr. Andrew Taylor) and the Secretary (Dr. Seton).

Miss Margaret A. Gilliland, M.A. (Fellow; first woman member of the College Committee, on which she held a seat until the time of her death).

Mr. Andrew T. Taylor, Chairman of the Managing Sub-Committee, represented the College Committee at the Funeral.

The Rt. Hon. Lord Cozens-Hardy (Fellow; former member of the College Council).

The Rt. Hon. Lord Glenconner (former member of the College Committee).

Sir Cornelius Dalton and Sir Norman Lockyer (former Life-Governors).

Mr. Henry Sharpe (former Life-Governor).

Dr. Rudolph Messel (former Student; Benefactor).

WAR RECORD AND WAR MEMORIAL.

The War Record of the College, including the Pro Patria List completed as far as possible, is in course of preparation.

Armistice Day, November 11th, 1920, was observed in the following manner:—

9 A.M. The Flag was hoisted half-mast.
South Cloisters.—A wreath was placed round the roll of names of the Members of the College who gave their lives in the War.

10.40 A.M. The bell was rung. Work was temporarily suspended. Staff, Students, and Servants proceeded forthwith to the Main Quadrangle and formed a hollow square, in front of the Great Steps. Academic Dress (black gowns) was worn as far as convenient.

10.45 A.M. The Roll of Honour was read. The Last Post was sounded. Silence. The Flag was hoisted full-mast.

11.5 A.M. Work was resumed.

The scheme for the joint War Memorial of University College and University College Hospital and Medical School is as follows:—

A. (i.) A War Memorial Album.
(ii.) Memorial Tablets.
(iii.) Scholarships.

B. A Great Hall for the use of the College and Medical School.

C. The Endowment of University College Hall, Ealing.

The full sum required to give effect to this is £30,000. The subscriptions available for the purposes of the scheme received to 31st December, 1920, amount to £5,330; in addition to these, £2,100 has been received for special War Memorials.

Steps are being taken to make the War Memorial scheme more fully known among the *alumni* of the College. The Committee are anxious to make it the symbol of a great corporate effort. They therefore hope that every *alumnus* of the College will subscribe, however small may be the amount that he is able to give.

The Chancellor (the Rt. Hon. the Earl of Rosebery) is Patron of the Fund; Lord Reay, President; the Provost (Sir Gregory Foster), Chairman; The Dean of the Medical School (Dr. G. F. Blacker), Vice-Chairman; and Mr. Wedgwood Benn (Fellow), Hon. Treasurer.

CIVIL HONOURS AND APPOINTMENTS.

A. Former Students and other Persons connected with the College.

The following are among the Honours and Appointments of which information has been received:—

King's Birthday Honour, 1920:—

Flux, Mr. A. W. (Former Newmarch Lecturer).	C.B.

Order of the British Empire:—

Gibb, Brig.-Genl. Sir Alexander (Fellow).	G.B.E.
Bragg, Professor W. H.	K.B.E.
Harmer, Dr. Sidney F. (Fellow).	K.B.E.
Knudsen, Mr. Karl (Member of Committee for the Promotion of Scandinavian Studies).	K.B.E.
Petavel, Professor J. E. (Fellow).	K.B.E.

Stamp, Dr. J. C. (Newmarch Lecturer).	K.B.E.
Webb, Brevet-Col. A. L. A. (Former Student).	K.B.E.
Donnan, Professor F. G.	C.B.E.
Whytlaw-Gray, Dr. R. (Fellow).	O.B.E.
Chapman, Mr. Chaston (Former Student).	F.R.S.
Russell, Mr. W. W. (Assistant in Slade School).	A.R.A
Andrade, Dr. E. N. da C. (Fellow).	Professor of Physics, Ordnance College, Woolwich.
Arber, Mrs. Agnes (Fellow).	Keddey Fletcher-Warr Studentship of the value of £300 for three years.
Aveling, Rev. Dr. F. (Assistant Professor, Department of Psychology).	Commandership of the Order of Christ (Portugal).
Barnett, Mr. E. de B. (Former Student).	Lecturer on Organic Chemistry, Sir John Cass Institute.
Beare, Professor T. Hudson (Former Student and Former Professor of Mechanical Engineering).	Rank of Deputy Lieutenant of the City of Edinburgh.
Brock, Mr. F. H. Cecil (Former Student).	Vice-Principal of Training Department, Goldsmiths' College.
Cheng, Dr. F. T. (Former Student).	Judge of the Supreme Court of China.
Chick, Dr. Harriette (Fellow; Member of College Committee).	(i) Stewart Prize of British Medical Association for researches regarding the origin, spread, and prevention of epidemic disease. (This is the first time it has been awarded to a scientific worker not a member of the medical profession; it is also the first time it has been awarded to a woman.) (ii) William Julius Mickle Fellowship.
Dann, Mr. W. S. (Former Student).	H.M. Inspector of Schools.
Deller, Dr. E. (Former Student).	Academic Registrar.
del Re, Mr. Arundel (Former Student).	Taylorian Lecturer in Italian, Oxford.
Donnan, Professor F. G.	Honorary Degree of D.Sc., University of Liverpool.

Earle, Mr. Kenneth (Former Assistant in Department of Geology).	Government Geologist to Windward and Leeward Islands.
Elderton, Miss E. M. (Fellow; Galton Research Fellow).	Welldon Prize, University of Oxford.
Fleming, Professor J. A.	Honorary Member of the Royal Engineers' Institute, Chatham.
Gardner, Dr. Edmund.	Professor of Italian, University of Manchester.
Halket, Miss E. C. (Former Student).	Lecturer in French, East London College.
Hooper, Mr. C. A. (Former Student).	Head of Translation Bureau of Reparation Commission, Paris.
Jameson, Dr. W. W. (Former Assistant in Department of Hygiene).	Medical Officer of Health, Finchley Urban District Council.
Ker, Professor W. P.	Professor of Poetry, University of Oxford.
Knights, Miss Winifred M. (Student of Slade School).	*Prix de Rome* Scholarship for Painting.
Layton, Mr. W. T. (Fellow).	Director of Economic and Financial Section of the International Secretariat of the League of Nations.
Lee, Professor R. W. (Former Professor of Roman-Dutch Law).	Acting Rhodes Professor of Roman-Dutch Law, University of Oxford.
Lloyd, Mr. T. (Former Student).	Lecturer in German, University of Manchester.
Macdonell, Professor Sir John.	Title of Emeritus Professor of Comparative Law.
Mackenzie, Sir William W. (Former Student).	Chairman of the National Wages Board for the Railways.
Matthews, Professor E. R.	Chief Sanitary Engineer to H.M. Office of Works.
Meyer, Sir William S. (Former Student).	First High Commissioner for India.
Neale, Mr. J. E. (Assistant in Department of History).	Alexander Prize of Royal Historical Society for Essay on "The Common Journals of the Tudor Period."
Oxley, Dr. A. E. (Former Temporary Assistant in Department of Physics).	Head of New Physics Laboratories of the Cotton Research Association.
Rothenstein, Mr. W. (Former Student).	Principal of the Royal College of Art.
Rowan, Mr. W. (Former Student).	(i) Lecturer in Zoology, University of Manitoba. (ii) Chair of Zoology, Alberta University, Edmonton (Canada).

Russ, Dr. Sidney (Former Student).	Joel Professor of Physics at Middlesex Hospital Medical School.
Slade, Dr. R. E. (Former Assistant in Department of Chemistry).	Chief Chemist to Synthetic Ammonia and Nitrate Co.
Smiles, Dr. Samuel (Fellow)	Daniell Professor of Chemistry, King's College, London.
Smith, Professor Elliot.	Montgomery Lecturer in Ophthalmology under Royal College of Surgeons in Ireland.
Tuck, Dr. W. B. (Assistant in Department of Chemistry).	Head of Department of Chemistry, Middlesex Hospital Medical School.
Vincent, Professor Swale (Former Student).	Professor of Physiology, Middlesex Hospital Medical School.
Wheeler, Dr. R. E. M. (Former Student).	Lecturer in Archæology, University College of South Wales and Monmouthshire, and Keeper of Department of Archæology, National Museum of Wales.
Wrinch, Miss D. M. (Hon. Research Assistant in Department of Pure Mathematics).	Yarrow Fellowship for Scientific Research, Girton College, Cambridge, 1920–23.
Wynn Jones, Dr. Ll. (Former Assistant in Department of Psychology).	Lecturer in Psychology, University of Leeds.

Miss M. Barron, French Mistress at the Maida Vale High School for Girls; Mr. G. C. Bateman, Head of French Department at the Reading Grammar School; Mr. J. L. Blake, Assistant Examiner at the Patent Office, Board of Trade; Mr. J. A. Broughall, Appointment in Designer's Office, English Electric Company, Preston; Mr. L. H. Clark, Research-Assistant, Physics Department of Middlesex Hospital; Mr. R. B. Drew, Chief Chemist "several English Nitrate Companies in Chili"; Mr. W. H. Gibson, Chief Chemist to York Street Spinning Company, Belfast; Mr. G. L. Kennaby, post in the Anglo-Persian Oil Company; Mr. V. Lefebure, appointment on Scientific Staff of British Dyes, Ltd.; Mr. R. T. Moore, Classical Master at Manchester Grammar School; Mr. Roy Morris, Head of Department of Pictorial Design, Derby School of Art; Miss F. H. Obott, Assistant Mistress (English and History) at Northampton School for Girls; Mr. C. B. Oldman, Assistant at British Museum; Dr. B. D. Porritt, Director of Research to Research Association of British Rubber & Tyre Manufacturers Co.; Mr. G. N. White, Research Chemist to Royal Worcester Porcelain Works.

B. Present Students.

University Honours.

(January 1st, 1920, to December 31st, 1920.)

Degree or Distinction.	Subject.	Name of successful candidate from University College.	Class.
D. Lit.	.....	Wheeler, R. E. M.	
M.A.	Classics	Billig, L. (Mark of Distinction).	
	English	Murphy, Letitia G.	
	German	Wilks, J. A. (Mark of Distinction).	
	Philosophy ...	Lebus, Marjorie.	
		Ross, Margaret.	
B.A. Hons. ...	Archæology ...	Pickering, Dorothy H....	I
	English	Bispham, Ivy	II
		Drake, E. S.	I
		Drake, H. B.	I
		Dymes, Dorothy M. E....	II
		Evans, B. I.	I *
		Gurrey, P.	I
		Harris, Frances M.	II
		Obott, Hilda F.	I
		Selman, Marjorie J.	III
		Stephen, Elsie G.	II
		Wright, Margaret D. ...	II
	French	Dennis, E. J.	I
		Lewis, Madeline L.	I
		Madge, S. A. W.	II
	History	Baker, Kathleen G. L. ...	II
		Barnes, Harriet A.	I
		Chaplin, W. N.	II
		Davis, A. W.	I
		Hague, Violet	II
		Ironmonger, Violet I. ...	II
		Little, Gladys F.	I
		Mahany, E. A.	II
		Mansell, Freda K.	II
		Penney, A. H.	II
		Smith, Margery M.	II
		Wallis, L. G.	I
		Williamson, Doris M. ...	II
	Latin.....	Clifford, Alice P.	II
	Mathematics...	Silow, Ethel M.	III
		Stimson, Clara	III
LL.B. Hons.	.....	Levenberg, M. J.	II
		Tee, R. H. R.....	I

* First on list and George Smith Studentship.

Degree or Distinction.	Subject.	Name of successful candidate from University College.	Class.
D.Sc.	Geology	Baker, H. A.	
	Mathematics...	Curzon, H. E. J.	
		Jeffery, G. B.	
	Physics	Thomas, J. S. G.	
	Psychology ...	Abelson, A.	
		Phillips, G. E.	
M.Sc.	Chemistry.....	Garner, W. E.	
		Workman, Olive.	
		Zealley, A. T. S.	
	Mathematics...	Wrinch, Dorothy M. (Mark of Distinction).	
	Physics	Bond, W. N.	
		Toy, F. C.	
	Psychology ...	Cox, W. J.	
	Zoology	Rowan, W.	
B.Sc. Hons....	Botany	Hellinger, Esther	II
		Summerhayes, V. S.	I
	Chemistry	Bailey, C. R.	I
		Bates, V. E. L.	II
		Bemrose, F. S.	III
		Bonniksen, C. W.	II
		Cook, J. W.	II
		Dolley, L. G. F.	II
		Huddart, R.	II
		Pohl, W.	I
		Renall, H. F.	II
		Rolt, W. J. W.	III
		Rost, F. E. B.	II
		Sporing, P. A.	II
		Sutton, Mary W.	II
		Taffel, A.	I
		Thierry, E. H.	II
		Thomas, C. D.	II
		Tobias, B.	I
		Watson, A. F.	II
		Westrip, G. M.	I
	Geology....	Russ, W.	II
	Mathematics...	Blake, J. L.	I
	Physics	Backhurst, I.	I
		Gauss, C. H. J.	II
		Gibbs, R. E.	I
		Lonsdale, T. J.	III
		Stiles, W. S.	II
	Physiology ...	Gibson, P. C.	II
		Sheehy, E. J.	II

Degree or Distinction.	Subject.	Name of successful candidate from University College.	Class.
B.Sc. Hons.... (*contd.*).	Psychology ...	Ellis, Marjorie F.	I
		Weber, Hilda M.	II
	Statistics	Morant, G. M.	II
B.Sc. (Economics.) ...		Whybrow, S. J. B.	III
M.Sc. (Engineering.) ...		Mallett, E.	
B.Sc. (Engineering.) ...		Anderson, E. F.	II
		Hudson, W.	I
		Taylor, R. W.	II

University Scholarships & Prizes.

George Smith Studentships:—

English ..... Evans, B. I.
History ..... Clark, Millicent E.

Keddey Fletcher-Warr Studentship:—

Psychology ... McFarlane, Margaret.

Classics ..... Ewen, A. H.
(Granville Schol.)

German ..... Norman, F.

Mathematics... Sheppard, W. R.

Chemistry..... Goldstein, M. E.

Geology ..... Francis, Dorothy W.

University Pass Degrees.

B.A.:—Clifford, Dorothy P.; Cox, Dorothy M.; Klein, Marie.

B.Sc.:—Smith, R. S.

B.Sc. (Engineering):—Calmus, A.; Clements, A. A.; Edwards, J. M.; Leembruggen, R. G.; Needham, J. F. W.; Pick, T. S.; Rabinowich, A.; Strugnell, J. A.; Varian, E. N.; Wills, F. P.

War Degrees.

B.A.:—Marsom, F. B.

B.Sc.:—Espir, L.; Tyrrell, G. N. M.

Diplomas and Certificates.

The following obtained Engineering Diplomas :—

Anderson, E. F. (Civil, Municipal, & Mechanical); Calmus, A. (Civil); Clements, A. A. (Civil & Municipal); Hudson, W. (Civil, Municipal, & Mechanical, with distinction); Jones, F. W. (Mechanical); Leembruggen, R. G. (Civil & Municipal); Pick, T. S. (Electrical); Taylor, R. W. (Civil, Municipal, & Mechanical); Varian, E. N. (Mechanical).

The following obtained the University Diploma in Humanities :—

History :—Blackstock, Bertha (Gilchrist Medal); Campbell, Leslie M.; Haas, Edith M.; Haines, Dorothy B.; Ringer, Jessie C.; Weatherley, C. A.

History of Art :—Mason, J. H.; Roberts, H. V. M. (Gilchrist Medal).

The following obtained the University Diploma in Fine Art :—

Gill-Mark, Mary.

The following obtained the University Diploma in Geography :—

Suggate, L. S.; Tate, Elizabeth H.

The following obtained the University Diploma in Journalism :—

Woodley, F. S.

The following obtained the Diploma in Public Health :—

Cambridge :—Granger, E. H. H.; Johnstone, G. G.; Marshall, P. S.; Rees, J. J. R.; Skelton, J. B. G.; Skinner, A. H.; Topsham, R. S.

Royal College of Physicians and Surgeons, London :—Bharucha, K. M.; Bourne, Eleanor E.; Buckell, M. A. C.; Calthrop, G. T.; Cass, Kathleen L.; D'Abreu, Delphine G.; Dobbie, J. N.; Dukes, E.; Eades, R. O.; Evans, H.; Fawcett, H. A.; Fry, H. J. B.; Fuller, T. A.; King, R. de V.; Mason, C. A.; Moir, W. J.; Moos, F.; Page, D. S.; Parker, W.; Parmanand, Capt.; Phillips, R.; Purchase, W. B.; Radford, M.; Smith, H.; Stewart, Margaret A. H.; Taylor, W. R.; Todhunter, J. R. A.; Wallis, J. G.; Webb, J. N.; White, F. N.

Scholarships (other than those awarded in the College).

The following Students holding Scholarships from other bodies entered the College in the Session 1919–20 :—

Blair, Marian (Coburn School Leaving Scholarship); Clark, E. F. (Chester City University Scholarship); Collar, Marjory F. (Christ's Hospital Exhibition); Eyden, M. J. (Walter Leaf Scholarship, Lower

School of John Lyon); Mitchell, G. T. (Owen's School Leaving Scholarship); Ridge, D. (Hallett Science Scholarship, Brighton); Sheehy, E. J. (Department of Agriculture, Dublin); Thorp, H. W. (Leaving Exhibition, Central Foundation Boys' School); Threadgold, H. (Hunt & Cutwell Exhibition, Skinners' Company School); Wardman, Enid V. S. (Christ's Hospital Exhibition); Wheeler, C. L. (Hasper Trust Leaving Exhibition, Bedford Modern School); Young, S. G. (Goldsmith Scholarship in Science, Queen Elizabeth's Grammar School).

57	Students	entered	holding	King's Scholarships from the London County Council.
14	,,	,,	,,	Intermediate London County Council Scholarships.
1	,,	,,	,,	Bedford County Council Scholarship.
1	,,	,,	,,	Buckinghamshire ,, ,,
2	,,	,,	,,	Cornwall ,, ,,
2	,,	,,	,,	Hertfordshire ,, ,, ,,
4	,,	,,	,,	Kent ,, ,, ,,
4	,,	,,	,,	Middlesex ,, ,, ,,
1	,,	,,	,,	Shropshire ,, ,, ,,
1	,,	,,	,,	Somerset ,, ,, ,,
1	,,	,,	,,	Surrey ,, ,, ,,
1	,,	,,	,,	W. Riding of Yorkshire ,, ,,
2	,,	,,	,,	Union of S. Africa Scholarships.
1	,,	,,	,,	Government of Ceylon ,,
3	,,	,,	,,	Kitchener ,,
1	,,	,,	,,	Government of Mauritius ,,

Scholarships and other Distinctions Awarded in the College.

A. *FACULTIES OF ARTS, LAWS, SCIENCE, AND ENGINEERING.*

I. Entrance Scholarships.

Andrews Scholarships (£30):—

Classics:—Alice E. Engledow (City of London School for Girls).

Modern Languages and History:—Constance M. Allen (James Allen's Girls' School, Dulwich). *Proxime Accessit*, Hilda M. Sinclair (Clapham County Secondary School).

Mathematics & Science:—S. W. Saunders (Erith County School).

Campbell Clarke Scholarship in English (about £40 a year tenable for three years):—W. W. Miller (Latymer Upper School, Hammersmith) (1st year).

Goldsmid Scholarships (£30 for three years):—

Science:—M. E. Goldstein (University College School) (3rd year); S. G. Young (Queen Elizabeth's Grammar School, Faversham) (2nd year); G. W. Dorrell (County Secondary School, Brockley) (1st year).

Engineering:—L. W. Ball (Royal Grammar School, Guildford), F. R. Kay (St. Paul's School), bracketted equal, each receiving a moiety of the Scholarship.

Member's Scholarship in Classics (£30 for three years):—T. W. Grosch (City of London School) (2nd year).

St. Pancras Scholarship:—Ellen R. Catley (North London Collegiate School) (2nd year).

Rosa Morison Scholarship (£30 for three years):—Lilian M. H. Friedlander (Wycombe House School) (who resigned the emoluments); Dorothy K. L. Dunn (Wimbledon County Secondary School) (1st year); E. C. G. Handscomb (Dulwich College) (2nd year); Freda K. Mansell (County Girls' School, Wimbledon) (3rd year).

Trevelyan Goodall Art Scholarship:—B. L. Sutcliffe (University College School) (2nd year).

West Scholarship in English and English History (£30):—W. G. Stone (Leyton County High School).

II. Other Scholarships and Distinctions.

Andrews Scholarships for Students of one year's standing (£30):—

	1st Year.	*2nd Year.*
Classics:—	V. R. Bairamian.	M. Monnington.
Languages and History.	Norah E. Vine.	D. J. Donovan.
Mathematics and Science.	A. S. Hartshorn.	F. Aufenast.

Additional:—
H. J. Curnow.
Eileen S. Morris.
K. J. Isaac.

Sarah Baker Prize (£12 10*s.*):—V. S. Summerhayes.

Herbert Batsford Prize (£5 5*s.*):—F. Jenkins.

Carey Foster Research Prize in Physics:—No award.

Chadwick Medal and Prize (Mun. Eng. & Mun. Hyg.):—No award.

Crewdson-Benington Memorial Studentship:—G. M. Morant.

Derby Scholarship in Zoology :—No award.

Dolley Memorial Prize in History :—Margaret Hough.

Donaldson Medal (Architecture) :—R. C. White-Cooper.

Early English Text Society's Prize :—B. I. Evans.

Fielden Research Scholarship in German (£50) :—Jane A. Dowse (1st year).

Gladstone Prize in History :—No award.

Eleanor Grove Scholarship in German (£30) :—
Lizzie M. Affeltranger. } (1st year).
Dorothy L. Kalb. }

Archibald P. Head Memorial Medal and Prize in Mechanical Engineering :—W. Hudson.

Heimann Medal in German :—S. Brook.

John Oliver Hobbes Memorial Scholarship in Modern English Literature (about £20) :—Dorothy M. E. Dymes.

Hollier Scholarship in Hebrew (£60) :—Janus Cohen.

Hollier Scholarship in Greek (£60) :—No award.

Joseph Hume Scholarship in Jurisprudence (£30) :—Audrey C. Harverson.

Joseph Hume Scholarship in Political Economy (£30) :—No award.

Sir George Jessel Studentship in Mathematics :—J. L. Blake (since resigned).

Jews' Commemoration Scholarship (£15 for two years) :—J. P. Porter (2nd year); T. K. Seymour (1st year).

Lever Prize in Town-Planning (£15) } H. F. Butcher.
(£10) } A. G. Waller.

Lever Prizes in Architecture (£15) } H. F. Butcher.
(£10) } No award.

Bunnell Lewis Prize for Latin Verse (£9) :—H. G. Stutfield.

Lloyd Scholarship in Political Economy (£10) :—No award.

MacAlister Bursary (School of Librarianship) (£12 12*s.*) :—Hester Raven-Hart.

Percy F. Macgregor Scholarship in Zoology (£50) :—Helga C. Pearson.

Malden Scholarship (£20) and Medal (Greek) :—
M. Monnington. }
E. H. Bodkin }

John Stuart Mill Scholarship (£20) :—No award.

Rosa Morison Memorial Medal (Arts) :—B. I. Evans.

Rosa Morison Scholarship in English (£30) :—Vera S. Fraser (2nd year) ; Dorothy M. E. Dymes (1st year).

Morley Medal in English :—B. I. Evans.

Morris Prize in Geology :—Doris E. Trotter.
Additional :—R. G. Hudson.

Melvill Nettleship Prizes for Figure Composition :—
C. K. Wilkinson.
Mary A. Attenborough. }
Mary H. Mack. }
Valerie E. G. Prentis. }

Oddenino Scholarship in Italian (£30) }
Jeannette Oddenino Medal in Italian } Award suspended.

Physics Research Studentships (£40 each) :—R. E. Gibbs. }
I. Backhouse. }

Pollard Prize in English History :—H. A. T. Simmonds.

Postgate Prize in Comparative Philology :—No candidate.

Quain Professor's Prizes (£12 & £10) :—
Comparative Law (£12) :—S. J. Coleman.
International Law (£10) :—M. H. Goitein.

Quain Essay Prize (£50) :—Hilda F. Obott.

Quain Studentships :—English (£150 per annum) :—A. C. Wood, M.A. (to December 1920).
Biology (£100 per annum) :—Vacant.

Ricardo Scholarship in Political Economy (£60) :—No award.

Robert Ross Scholarship (Slade School) :—No award.

Hester Rothschild Prize in History (£20) * :—Gladys F. Little.

L. M. Rothschild Prize in French (£20) * :—E. J. Dennis.

Mayer de Rothschild Scholarship in Mathematics (£40) :—R. F. Budden.

Slade Fine Art Scholarships : (£35 per annum for two years) :—Mary H. Mack. (£20 for one year) :—Muriel H. Hope ; Rosa S. Hope ; Marjorie K. Rowles ; Helen M. F. Taylor.

* Awarded January 1921.

Slade Prizes for Figure Composition (£25 each) :—Winifred M. Knights ; J. Wilkie.

Tuffnell Scholarship in Chemistry (about £80 for two years):—H. Allan (2nd year) ; M. E. Goldstein (1st year). Additional :—C. W. Richardson (1st year).

University College School Science Research Medal :—W. G. Heatley.

L. F. Vernon-Harcourt Prize (Engineering) (£5) :—E. F. Anderson, F. W. Taylor (divided).

Ellen Watson Scholarship in Applied Mathematics (£15) :—J. L. Blake.

B. *FACULTY OF MEDICAL SCIENCES.*

Medical Entrance Exhibitions and Scholarships :—

Bucknill Scholarship (£147 15*s.*) :—Marion G. Palmer (North London Collegiate School).

1st Medical Entrance Exhibition (£57 15*s.*) :—M. Cutner (formerly of King's College, London).

2nd Medical Entrance Exhibition (£57 15*s.*) :—J. H. M. Walker (Oundle School).

Epsom Free Medical Scholarship :—B. A. Lubbock.

Cluff Memorial Prize (about £15):—[Next award 1921.]

Schäfer Prize in Physiology (about £18) :—G. V. Anrep, M.D.

Sharpey Physiological Scholarship (£105 per annum) :—D. T. Harris, M.B., B.S., B.Sc. (2nd year).

SUMMARY OF RESULTS OF UNIVERSITY EXAMINATIONS.

January 1st to December 31st, 1920.

Examination.	No. passed from University College.	No. from Univ. Coll. in Honours.
*Inter. Arts	66	—
*Inter. Sci.	75	—
*Inter. Sci. (Engineering)	30	—
*Inter. Sci. (Economics)	1	—
*Inter. Laws	8	—
First Exam. Med. Deg.	39	—
Second Exam. Med. Deg. Pt. I.	66	—
Second Exam. Med. Deg. Pt. II.	40	—
B.A.	34	31
B.A. (War)	1	—
B.Sc.	34	33
B.Sc. (War)	2	—
B.Sc. (Engineering)	13	3
B.Sc. (Eng.) (War)	—	—
B.Sc. (Economics)	1	1
†M.B., B.S.	15	1
M.A.	—	5
D.Lit.	—	1
D.Sc.	—	6
M.Sc.	—	8
M.Sc. (Engineering)	—	1
LL.D.	—	—
LL.B.	2	2
LL.B. (War)	—	—
†M.D.	—	6
†M.S.	—	3

* There are now no Honours at the Intermediate stage for Internal Students.

† The work for the final stages of these degrees was done at University College Hospital Medical School.

THE COLLEGE SITE AND BUILDINGS.

The new building for the Department of Applied Statistics and Eugenics, given by Sir Herbert Bartlett, Bt., was formally opened by the Rt. Hon. Christopher Addison, M.P. (Minister of Health), on 4th June, 1920. The Senate have authorised the issue of an Appeal for the purpose of providing an additional annual income of £5000 in order that the noble building that has been erected for this purpose may be put to the fullest possible use. The work of the Department was practically tested during the War and was found to be most efficient, both in regard to the research work it turns out and in its power of training statisticians.

As a first step towards the completion of the South-West Wing for the Departments of Engineering, the basement is being extended and reconstructed in order to provide fuller accommodation for the Hydraulic Laboratory and for Machine Tools work.

Of the seven houses fronting the South Quadrangle, six had already been purchased; the seventh, No. 118 Gower Street, has just been acquired from Messrs. Shoolbred & Co.

BENEFACTIONS AND DONATIONS.

The Rockefeller Gift.

The great gift of the Rockefeller Foundation, full particulars of which are given in Appendix V. (p. 78) in the form of a report submitted by the Provost and the Professor of Anatomy, constitutes the outstanding benefaction of the year.

Although the gift is partly to the College and partly to the Medical School, the Rockefeller Foundation regard it as a single gift for the improvement of medical education as a whole. It will enable the College almost immediately to proceed with the erection of the new building for the Department of Anatomy. This development was part of the scheme planned in 1908, when the new Institute of Physiology was designed. As then conceived, the new Anatomy Building was intended to occupy the site of four, or at most five, houses fronting the South Quadrangle; the site of the other two were to be used for Chemical Engineering Under the scheme agreed upon with the Rockefeller Foundation, it is possible to carry out a more extended plan. The teaching of Histology will be transferred from the Department of Physiology to the Department of Anatomy. There will be a new Chair, the first of its kind, of Embryology and Histology. The seventh house fronting the South Quadrangle has been purchased from Messrs. Shoolbred, and the site of all the seven houses will be devoted to the new Anatomy Building. Permission has been obtained from the London County Council to demolish these houses. Professor Simpson has been appointed Architect of the new building, and the preparation of the plans is already well advanced.

On receiving the intimation of the offer from the Rockefeller Foundation, the Senate and the College Committee adopted the following resolutions:—

(i.) That the Board of Trustees of the Rockefeller Foundation be informed of the great satisfaction with which their magnificent offer to further the progress of Medical Education and Research

at University of London, University College, and at University College Hospital Medical School has been received.

(ii.) That the offer to give £190,000 towards the cost of the site, erection, and equipment of the new building and other expenses incidental thereto for the Department of Anatomy at University College, and of a further sum of £180,000 for the endowment of Anatomical and Physiological Teaching be accepted, subject to the settlement hereafter of the requisite Trust Deed, with gratitude, and with a sense of the significance and value that these great gifts will have on the progress of medicine in London and throughout the Empire.

The Trust Deed for the Rockefeller Gift has been sealed with effect from 1st December, 1920.

In addition to their great gift, the Rockefeller Trustees have awarded Research Fellowships to Mr. Dart and Mr. Shellshear, of the Department of Anatomy, the tenure of which enables them to spend a year in approved Universities in the United States.

The College Committee had the pleasure of entertaining the President of the Rockefeller Foundation, Dr. George Vincent, and Mr. Abraham Flexner, of the same Foundation, in January 1921. They were good enough to visit the College, and to give the benefit of their experience and criticism on the sketch-plans that were submitted to them.

Other benefactions and donations, of which the College Committee make grateful acknowledgment, are as follows:—

The Worshipful Company of Drapers have continued their grant of £500 per annum for the Biometric Laboratory for the years 1920 and 1921.

The Chadwick Trustees have continued their grant of £250 "for the Promotion of Sanitary Science in connection with the Departments of Municipal Engineering and Hygiene."

The Rhodes Trustees have continued their grant of £150 a year to promote the work of the Chair of Constitutional Law, especially in relation to the Laws of the Dominions and the Empire.

The Carnegie Trustees have promoted the work of the School of Librarianship by the yearly instalment of £1,500 payable from their total grant of £7,500.

The Carnegie Endowment for International Peace have handed over the Collection of Books on American History and Institutions to which reference was made in the last Report. The formal installation was performed by His Excellency the American Ambassador on 2nd July, 1920, in the presence of the Rt. Hon. Lord Weardale of Stanhope, acting on behalf of the Carnegie Endowment. A full report of the proceedings is printed in the current College Calendar. For the time being, they are housed in a bay of the General Library, and are "so placed and administered as to be freely open to consultation on the most generous terms at all reasonable hours by students, journalists, and public men."

The Department of Scientific and Industrial Research has made grants to members of the staff and research students of the following departments:—Applied Mathematics, Applied Statistics and Eugenics, Chemistry, Geology, Zoology, and Mechanical Engineering.

The Ellen Richards Committee of the United States of America have, through the good offices of Professor Oliver, given One Thousand Dollars for the foundation of a supplementary fund to be awarded with the Sarah Baker Prize and to increase the emoluments of that Prize.

An anonymous donor has offered a sum of £200, payable in half-yearly instalments, in the first instance for three years, for the institution of a part-time lectureship in Diplomatic History, and this offer has been gratefully accepted.

Gifts to the Department of Applied Statistics and Eugenics include £80 from Miss Ethel M. Elderton, Galton Research Fellow, and Ten Guineas from Dr. W. Bullough to the Equipment Fund; £10 each from the Misses Sharpe for the completion of *Galtoniana* or for any other purpose suggested by Professor Pearson; twenty-three volumes of the *Hackney Horsebreeders' Stud Book*, for the Biometric Laboratory, from Mr. Ernest Enfield; and a Clock for the Lecture Theatre from Mrs. Heron.

Professor Frederick Brown, Professor Tonks, Professor Havard Thomas, Mr. W. W. Russell, and Mr. P. W. Steer have each contributed £5 to augment the Slade Prize Fund.

Professor J. E. G. de Montmorency has expressed his willingness to continue the annual award of the Quain Professor's Prizes of £12 and £10 for the best Essays submitted in connection with the lectures in Comparative Law.

The Johnston-Lavis Geo-Dynamical Collection, which was accepted by the Senate in 1915, is now ready for transport, and arrangements are being made to accommodate it temporarily in No. 134 Gower Street.

Professor Donnan has presented a set of twenty-four old steel engravings representing eminent Chemists of the late 18th and early 19th Centuries, which have been placed on the walls of the gallery corridor connecting the new Chemistry Laboratories with the main College buildings.

Gifts to the Departments of Engineering include the following:—From the Marconi Company, through the good offices of Professor Fleming, a valuable apparatus for calculating High Frequency Continuous Oscillations; from Mr. Walter Haddon (Chairman and Managing Director of Messrs. W. H. Dorman & Co.), a Motor Engine; and from Captain L. F. Plugge, a former Refugee Student, two cases of Drawing Instruments.

For the Department of Anatomy, the following have been received:—From Miss Marshall, daughter of the late Professor John Marshall, a Skull, casts of brains, and a copy in oils of Rembrandt's "Lesson in Anatomy"; from Professor William Wright, Dean of the London Hospital Medical School, through the good offices of Professor Elliot Smith, a large and valuable series of sections of brains prepared by the late Sir Victor Horsley.

The relatives of the late Captain G. D. Harvey Webb (a student who fell in the War) have presented for the Department of Zoology a valuable Collection of Shells promised by him before his death; and a further valuable collection of British Sea Shells, which supplements the above Collection, together with a small collection of West Indian Shells collected by Dr. Branch of St. Kitt's, and a series of Ammonites from the Gault at Folkestone, have been received from Professor Graham Wallas.

Mrs. Douglas Cow has intimated to Professor Petrie her intention

of bequeathing sixteen water-colour drawings of Egyptian antiquities to the College for the Edwards Library.

Messrs. B. T. Batsford, Ltd., have instituted an Annual Prize of Books to the value of Five Guineas to be awarded in connection with the classes in the School of Architecture.

Other gifts include :—From the Power Research Company, through the good offices of Dr. M. W. Travers, Chemical Apparatus; from an anonymous donor, £5 for a prize, or prizes, in the School of Librarianship during the current session ; from the Director of the School of Librarianship (Dr. Baker), a copy of his "Guide Book to the Best Fiction" and "Guide to Historical Fiction" as a prize for Book Selection ; from Messrs. E. & J. Richardson, skins to be used as illustrating leather for Bookbinding classes ; and from Mrs. Henry Bartlett, a Clock for the new Refreshment Room.

Donations to the Library are recorded on pp. 106–109.

THE ACADEMIC STAFF.

Appointments and Changes.

FACULTY OF ARTS.

Dr. Edmund G. Gardner has resigned the University Readership in Italian on his appointment to the Serena Chair of Italian at Manchester University. Mr. Harold E. Goad has been appointed as his successor.

As part of the scheme for the development of the teaching of Dutch Studies at University and Bedford Colleges, a Readership in Dutch has been instituted and Mr. Pieter Harting has been appointed thereto.

Mr. Arthur Stratton, hitherto Lecturer in Architecture, has been appointed Reader in Architecture.

Mr. H. W. V. Temperley has been appointed to the new part-time Lectureship in Diplomatic History.

Miss Lilias Armstrong, hitherto Assistant in Phonetics, has received the status of Lecturer.

Miss Dorothy M. Wrinch has resigned her post as Assistant in the Department of Pure Mathematics and has become an Honorary Research Assistant in that Department.

Mr. R. T. Moore has resigned his appointment as Junior Assistant in the Department of Latin on being appointed Classical Master at Manchester Grammar School.

The title of Assistant Professor has been conferred upon Mr. W. W. Russell of the Slade School, and upon Dr. F. Aveling of the Department of Philosophy and Psychology.

The following have been appointed Assistants in the Departments named :—

Architecture	Mr. James Burford.
	Mr. A. Stanley Furner.
	Mr. J. D. M. Harvey.
English	Mr. O. Doughty.
	Miss Elsie V. Hitchcock (Demonstrator).
Fine Arts	Mr. John Wheatley.
Geography	Miss Irene Curnow.

Italian	Dr. Camillo Pellizzi.
Mathematics (Applied) ..	Mr. W. B. Rimmer (Demonstrator in Astronomy).
Mathematics (Pure)	Mr. A. E. Birch. Miss Florence M. Wood.
Philosophy & Psychology..	Mr. S. Philpott.
Phonetics	Mr. Z. M. Arend Choinsky (Honorary). Mr. A. Lloyd James. Miss A. Dorothy Parkinson.

The following have been elected members of the Faculty:—Mr. Björkhagen, Mrs. Blackman, Mr. Goad, Mr. Gröndahl, and Mr. Helweg.

FACULTY OF LAWS.

Mr. J. E. G. de Montmorency has been appointed Quain Professor of Comparative Law in succession to Professor Sir John Macdonell, who resigned his Chair at the end of last session.

The title of Emeritus Professor of Comparative Law has been conferred upon Sir John Macdonell by the Senate.

FACULTY OF SCIENCE.

Dr. M. Greenwood, who has hitherto held a Readership in Medical Statistics in connection with the Lister Institute, has resigned that appointment and has been appointed Honorary Reader in Medical Statistics in connection with the Department of Applied Statistics and Eugenics.

Dr. Irvine Masson, hitherto Lecturer in Inorganic Chemistry, has been appointed Reader in Inorganic Chemistry.

Dr. J. C. Drummond, formerly Lecturer in Physiological Chemistry, has been appointed Reader in Physiological Chemistry.

Mr. N. Eumorfopoulos resigned at the end of last session his appointment as Assistant in Physics and has been appointed Honorary Research Assistant in that Department.

Dr. Marie Stopes resigned her lectureship in Palæobotany at the end of the First Term of the current session.

Dr. Wynn Jones resigned his appointment as Assistant in Psychology at the end of last session.

Mr. G. E. Bullen has been appointed Honorary Curator of the Zoological Museum.

Miss M. Child has been appointed Secretary of the Galton Laboratory, *vice* Miss Moul, who resigned her appointment as Secretary but was subsequently appointed Assistant in the Department of Applied Statistics and Eugenics. Miss Seegar and Miss Adelaide Davin have resigned their appointments as Assistants in that Department.

The following have been appointed Demonstrators or Assistants in the Departments named:—

Chemistry	Mr. C. R. Bailey. Mr J. N. E. Day. Mr. A. L. M. Sowerby.
Geology	Mr. R. G. Hudson (Demonstrator).

Physics	Mr. S. M. Dhar.	
	Mr. I. Backhurst.	(Demonstrators).
	Mr. R. E. Gibbs.	
	Mr. W. S. Stiles.	
Physiology	Miss Henrietta Bainbridge.	
	Miss Katharine Coward.	

FACULTY OF MEDICAL SCIENCES.

Dr. W. B. Tuck resigned, at the end of last session, his appointments as Teacher of Chemistry to Medical Students and Administrator of the Chemical Laboratories. Mr. H. J. Evans has been appointed Lecturer in Chemistry to Medical Students.

A Lectureship in the History of Medicine has been instituted, and Dr. Charles Singer has been appointed thereto.

Dr. Herbert H. Woollard has been appointed Sub-Dean of the Faculty.

Mr. J. Shellshear has been appointed Demonstrator in Anatomy, but is at present in the United States holding a Fellowship provided by the Rockefeller Foundation. Mr. H. A. Harris has been appointed Demonstrator in Anatomy and Curator of the Museum, and Mr. R. B. Green, Demonstrator. Mr. H. T. Mant has resigned his post as Demonstrator in Anatomy and Lecturer in Surgical Anatomy.

Dr. G. V. Anrep has been appointed Assistant in Physiology.

Dr. J. S. H. Lewis has been appointed Assistant in Pharmacology.

The following have been elected members of the Faculty:—Mr. H. J. Evans, Mr. D. T. Harris, Mr. G. A. Sutherland, and Dr. H. Woollard.

FACULTY OF ENGINEERING.

Professor E. R. Matthews has resigned the Chadwick Professorship of Municipal Engineering on his appointment as Chief Sanitary Engineer to H.M. Office of Works. The Chair has not yet been filled, the work being carried on temporarily by Mr. M. T. M. Ormsby and Mr. E. Willis.

Dr. J. G. Stewart has resigned the post of Lecturer in Engineering.

The following have been appointed Assistants in the subjects named:—

Civil and Mechanical Engineering..	Mr. Gordon D. Dewar.
	Mr. B. J. Lloyd-Evans.
Electrical Engineering.....	Mr. J. Mould.

Mr. L. F. Gilbert and Mr. B. J. Lloyd-Evans have been elected members of the Faculty.

ADMINISTRATION.

Miss A. K. Robertson has been appointed Publications Secretary *vice* Miss D. R. Measures resigned.

The Accountant, Mr. E. B. Hicks, has been absent on account of illness since June. The work of his department has been most efficiently carried out by the Assistant Accountant, Miss Alder, with the help of Mr. Lawley and temporary assistance. It is hoped that Mr. Hicks will be able to return to his work at the end of March.

THE WORK OF THE FACULTIES.

The report presented by the Provost at the Assembly of Faculties last July deals with the chief events of the Session 1919–20. This report, together with the address delivered on that occasion by His Excellency the American Ambassador (Mr. John W. Davis), who received the newly-elected Fellows, the Scholars, Medallists, and Prizemen, is printed in the Calendar for the current Session.

During the transitional period following the close of the War, the chief problem that the College has had to face has been how to provide, with the means available, for the needs of the many who have applied for admission, including large numbers of ex-service men in receipt of Government Grants. In the Faculties of Arts, Science, Medical Sciences, and Engineering, although many have been refused, most of the classes are overcrowded. The need for increased accommodation is being continually emphasised. As far as possible, additional staff appointments have been made to assist in the extra work, but the burden that has fallen on the Professors and other teachers is necessarily a heavy one.

In spite of these conditions, research work has been maintained. A list of publications for the year 1919–20 will be found in Appendix VI. (pp. 83–97).

In the course of the Session 1919–20, nearly 6,000 persons attended Public Lectures. The following is a list of the Public Lectures arranged since the issue of the last Report:—

By members of the College Staff:

Professor Sir William Bragg.	"The History of Science" (Inaugural Lecture).
Professor L. M. Brandin.	"La Chanson d'Aspremont" (Three lectures in French).
Professor A. Cippico.	"Raffaello Sanzio" (in Italian); "Gaspare Gozzi" (Two lectures in Italian); "Italian Literature" (Seven lectures in Italian); "Dante" (Four lectures in Italian).
Professor J. E. G. de Montmorency.	"The Natural History of Law" (Inaugural Lecture); "Marriage in American and Australian Tribes" (Two lectures); "Comparative Law of Child Labour"; "Mother Right and Matriarchy" (Three lectures); "Basque Customs"; "Adoption."
Professor L. N. G. Filon.	"The Navigation of Aircraft by Astronomical Observations."
Professor E. A. Gardner.	"Character and Expression in Ancient Art."
Professor Edmund G. Gardner.	"The Paradiso" (Twelve Barlow-Dante Lectures).
Professor P. Geyl.	"Multatuli"; "Holland and England—an outline of their relations since the Rebellion against Spain."

Professor G. Dawes Hicks.	"The Philosophy and Psychology of Wundt"; "The Principles of Critical Realism" (Six lectures).
Professor Sir John Macdonell.	"Comparative Law in Procedure, National and International."
Professor A. F. Murison.	"Early Roman Legal Developments."
Professor F. W. Oliver.	"Some Impressions of a Botanist."
Professor W. M. Flinders Petrie.	"Recent Discoveries in Egypt"; "Egyptian Science."
Professor J. A. Platt.	"Tragedy and Primitive Art."
Professor A. F. Pollard.	"Book Selection in History."
Professor A. E. Richardson.	"Library Architecture."
Professor G. Elliot Smith.	"Geography and Anthropology."
Dr. E. A. Baker.	"Book Selection: Maxims, Means, Methods."
Mr. A. H. Barker.	"Standard Tests of Cooking Appliances."
Mr. Norman H. Baynes.	"The Ægean Civilization: Crete"; "Some East Roman Cities: Historical Sketches" (Five lectures).
Mr. I. Björkhagen.	"Sweden: the Land and the People" (Five lectures, the last two in Swedish): "Esaias Tegnér and the Romantic Movement in Swedish Literature" (Seven lectures, the last two in Swedish).
Mr. Arundel Esdaile.	"The British Museum Library."
Mr. Robin Flower.	"Irish Poets and their Poetry, 800–1700" (Five lectures).
Mr. H. W. Fovargue.	"Public Library Law" (Three lectures).
Mr. H. E. Goad.	"Italian History and Literature" (Six lectures); "The Dramatis Personæ of the *Divina Commedia*: Historical Portraits of the Inferno" (Three lectures).
Mr. I. C. Gröndahl.	"Norwegian National Romanticism and Dawning Realism" (Five lectures); "Life in the Norwegian Highlands"; "Ibsen" (Seven lectures).
Mr. C. C. Hawkins.	"The Design of Electric Machinery, including Transformers."
Mr. B. M. Headicar.	"The British Library of Political Science."
Mr. J. H. Helweg.	"Berthel Thorvaldsen, the Sculptor: his life and relations to Danish Literature" (Five lectures); "Oehlenschläger's Younger Contemporaries" (Seven lectures, the last two in Danish).
Mr. A. E. Henderson.	"The Architectural Art of Byzantium."
Dr. G. B. Jeffery.	"Einstein's Theory of Relativity."

Mr. Hilary Jenkinson.	"The History of English Handwriting."
Miss M. A. Murray.	"Egyptian History."
Mr. Carveth Read.	"Animal Minds."
Dr. C. Pellizzi.	"Italian orthodox Scholastics up to the time of Dante"; "Dante, filosofo e teologo" (in Italian); "Averrhoism and Political Thought in the 13th Century"; "Dante come pensatore e uomo di parte" (in Italian).
Dr. T. G. Pinches.	"Babylonia in Nebuchadnezzar's time" (Three lectures).
Mr. W. C. Berwick Sayers.	"Library Work with Children."
Dr. C. Singer.	"Greek Science and Modern Science: a comparison and contrast" (Inaugural Lecture); "The Evolution of Plant Painting"; "Greek Medicine"; "The History of Plant Delineation," in collaboration with Dr. Agnes Arber (Four lectures).
Mr. H. G. Spearing.	"Prehistoric Cave Paintings in France and Spain."
Sir Josiah C. Stamp.	"Current Statistical Problems in Wealth and Industry" (Six Newmarch Lectures).
By Visitors:	
H.E. The American Ambassador (Mr. John W. Davis).	"The Constitution of the United States" (Rhodes Lecture).
Dr. Henry L. Anger.	"The Poetical Works of Albert Samain."
Dr. Agnes Arber.	"The History of Plant Delineation," in collaboration with Dr. Singer (Four lectures).
Major-Genl. Sir George Aston.	"Jutland"; "From Mons to the Marne."
Mr. John Bailey.	"The Work of the National Trust."
Mr. H. I. Bell.	"Greek Papyri" (Two lectures).
Mr. A. H. Blake.	"Samuel Pepys as Antiquary and Collector."
Mr. Arthur Bonner.	"The Study of Place Names."
Sir Jagadis C. Bose.	"The Life-Movements of Plants."
Professor E. Bovet.	"Une Loi de l'Histoire Littéraire" (in French).
Mr. Henry Rowland Brown.	"Insect Life on the National Trust Properties."
M. Emile Cammaerts.	"Characteristics of Belgian Literature"; "Emile Verhaeren"; "Maeterlinck's Dramatic Works"; "Shakespeare's Influence on Maeterlinck."
The Rev. A. Darby.	"The Logic of Speech Forms" (Ten lectures).

Signorina E. Bice Dobelli.	"Della popolarità de Dante e della *Divina Commedia* come expressione colletiva."
Mr. F. R. Earp.	"Greek Painting."
Professor A. Eekhof.	"Holland and the Pilgrim Fathers."
Professor Cesare Foligno.	"L'Umanismo di Petrarca."
Mr. W. A. Forsyth.	"The Buildings of the National Trust."
Mr. E. Norman Gardiner.	"Greek Athletics."
Professor Percy Gardner.	"Greek Coins."
Mr. S. H. Hamer.	"The Future of the National Trust."
Dr. A. Hulshof.	"The Utrecht Psalter."
Mr. Charles T. Jacobi.	"The Art and Craft of Printing."
Professor Otto Jespersen.	"The Development of Language" (Five lectures).
Sir Frederic Kenyon.	"The British Museum in War-time.'
Mr. F. H. Marshall.	"Greek Terra-cottas."
Professor W. Martin.	"How to look at old Dutch Pictures"; "True and False Dutch Pictures."
Mr. J. M. Mitchell.	"County Rural Library Schemes under the New Act."
Dr. P. Chalmers Mitchell.	"Bird and Mammal Life on the National Trust Properties."
The Rev. Canon Lonsdale Ragg.	"Dante and Modern Ideals of Education" (under the auspices of the Dante Society).
Dr. W. H. R. Rivers.	"The Aims of Ethnology."
Dr. E. Rossier.	"Les Hôtes de Lausanne au 18ième' Siècle: Voltaire, Rousseau, Gibbon, &c." (in French).
M. Henri de Sagher.	"Flanders and England in History."
Miss D. J. Stephen.	"The Bhagavadgita" (Four lectures).
Miss Winifred Stephens.	"Women of the French Revolution."
Professor T. F. Tout.	The Creighton Lecture:—"England and France in the 14th Century and Now."
Dr. Gladys Turquet-Milnes.	"Bergsonism and Literature" (Three lectures).
Mr. W. H. Ward.	"French Architecture of the Renaissance."
Mr. George Whale.	"The Discovery of Britain."

The following brief summary of matters supplementary to the statement contained in the Report presented at the Assembly of Faculties is given here to make the record of the year as complete as possible:—

FACULTY OF ARTS.

School of Librarianship.

Appended hereto (p. 99) is a Report by the Director, Dr. E. A. Baker, on the first year's work in the School of Librarianship, and on the Summer School of Rural Library Systems held under his direction at the University of Bristol during the Long Vacation.

They show that a systematised training in Librarianship leading up to the Diploma instituted by the University has met with appreciation. During the current session, 82 students have enrolled, of whom 53 are working for the Diploma.

School of Journalism.

Mr. L. Solomon has been appointed Tutor to Journalism Students, and special courses to meet their needs have been arranged from time to time, including one in English Composition and one on the General History and Development of Science. This session there are 48 Journalism Students; last session there were 43.

Courses for Higher Civil Service Students.

Special Courses have been arranged to meet the new requirements of the Civil Service Commissioners, and a Standing Committee, of which Dr. Wolf has been elected Chairman, has been constituted to advise the College Committee and the Professorial Board on all matters concerning the courses and work of Higher Civil Service Students. Mr. E. R. Adair, of the Department of History, has been appointed Tutor to watch and report on their needs and progress, under the general direction of the Censor, Colonel H. J. Harris.

History.

Through the generosity of an anonymous benefactor, a Lectureship in Diplomatic History has been instituted, and Mr. H. W. V. Temperley appointed thereto. It is satisfactory to be able to report that in the near future fuller provision will be made within the University for research work in History. As a result of the joint action initiated by the College in common with King's College and the London School of Economics, an Appeal Committee was appointed by the Senate in February 1920. The work of this Committee has been crowned with success, and a benefactor who desires to remain anonymous has consented to defray the cost of erecting a temporary building, available for the University as a whole, on part of the Bloomsbury Site in Mallet Street. It is expected that this building will be ready by October 1921, thereby meeting the most urgent needs for further accommodation for work in Historical research. Professor Pollard and the members of his staff are to be highly congratulated on this result. The work of the Evening School is referred to on p. 51.

French.

The illness of Professor Brandin, to which reference was made in the last report, continued to the end of last session, but the Professor was, happily, able to resume the duties of his Chair in October. Mme. Brandin is assisting the work of the Department by giving Conversation lessons.

Italian.

The Department of Italian is co-operating with the Dante Celebrations Committee in the matter of Public Lectures, as will be seen by the list on pp. 42–45. Professor Edmund Gardner is, fortunately, able to continue the Barlow-Dante Lectureship at the College, notwithstanding his appointment to the Chair at Manchester.

Dutch Studies.

The Committee charged with the raising of funds for the completion of the full scheme for the teaching of Dutch Studies has been authorised by the Senate to increase the amount of their Appeal from £25,000 to £30,000. Towards this £21,245 6*s.* 4*d.* has been received.

Scandinavian Studies.

The scheme under which Professor Ker acts as Director of this Department, and Mr. Björkhagen, Mr. Gröndahl, and Mr. Helweg carry on the work respectively in Swedish, Norwegian, and Danish, is being continued during the current session. Public Lectures form an important part of the programme of work in each subject. An

arrangement has been entered into with the London County Council with a view to securing as far as possible the co-ordination of Scandinavian Studies in London.

Celtic.

Mr. Flower has been invited to continue the teaching of Celtic Studies during the Session 1920–21, and has arranged to deliver a course of Public Lectures on "Irish Poets and their Poetry."

A report on the teaching of Minor European Languages, including Dutch, the Scandinavian Languages, and Celtic has been prepared and forwarded to the Academic Council for transmission to the London County Council.

Phonetics.

The programme of the Department of Phonetics is subject to continual expansion to meet the needs of students. A Vacation Course in French Phonetics was held in April 1920, and in Spoken English and in French during the Long Vacation. It has been a matter of regret that the severe strain of work has had such an effect on the health of the Reader, Mr. Daniel Jones, that he has been unable to direct the work of the Department during most of the period under review. Miss Lilias Armstrong has been Acting-Head in his absence.

The Bartlett School of Architecture.

The activity of the Bartlett School of Architecture has been maintained and increased during the present session. There are 112 Day Students and 29 at work in the Evening School. The special development to record is the institution of an Atelier, open from 6 A.M. till 10 P.M. (9 P.M. on Saturdays), where qualified students may work at advanced Architectural Design. The Professor's Report for the Session 1919–20 will be found in Appendix VIII. (p. 104).

The Slade School.

The Slade School of Fine Art is full; it has been necessary to refuse admission to many well-qualified students.

There is abundant evidence of the talent developed by the good teaching of Professor Tonks and his Assistants. The final competition for the *Prix de Rome* Scholarship was held at the Slade School in July 1920, all the competitors being students of the School, and the award was made to Miss Winifred Knights. Professor Frederick Brown, to whom the School is indebted for so much of its tradition, has been appointed Visitor *vice* the late Sir E. J. Poynter. One of the special needs is accommodation for work in Decorative Painting; as a temporary measure, the Cast Gallery of the Bartlett School of Architecture is being partially used for this purpose. A Class in Wood Engraving is being instituted this session as an experimental measure.

The College was able to co-operate in the Exhibition of British Art from 1830 to 1850 at the Whitechapel Art Gallery by lending some of the Turner and Constable drawings from the Vaughan Bequest.

FACULTY OF LAWS.

Mr. J. E. G. de Montmorency, Sir John Macdonell's successor in the Quain Chair of Comparative Law, delivered his inaugural lecture on 24th November, 1921. The series of Public Lectures that he will deliver during the session includes one on "The Comparative Law of Child Labour" and three on "Mother Right and Matriarchy."

Professor J. H. Morgan's work in connection with the Inter-Allied Commission of Control in Berlin still makes it impossible for him to return to the duties of his Chair of Constitutional Law and Dr. Hugh Bellot continues to act as his deputy.

Special arrangements are being made for the delivery of the Rhodes Lectures. The course this session was auspiciously inaugurated on 17th January, when His Excellency the American Ambassador (the Hon. John W. Davis) delivered an address on "The Constitution of the United States" before a large and distinguished audience, the Lord Chief Justice (the Rt. Hon. the Earl of Reading) presiding.

FACULTY OF SCIENCE.

The need for more accommodation is felt by most Departments of this Faculty, and a great number of applications for admission had to be refused at the opening of the session. The especially acute needs of *Physics* have been temporarily met by the adaptation as a Physics Laboratory of the Great Hall, which is itself urgently required for Public Lecture and other general purposes. A course in Radiology has been instituted, and research work, mainly in the methods of the analysis of crystals by X-rays, is very active.

The Department of *Applied Statistics* is now at home in its new quarters, and the work is being developed as far as possible with present means. Dr. M. Greenwood, formerly Reader in Medical Statistics at the Lister Institute, is attached to the Department as Honorary Reader. The Senate have sanctioned the appointment of a Medical Officer in the Department, the funds for this appointment being provided by the London County Council.

The Department of *Psychology* has more students, particularly postgraduate and research students, than ever before and needs more space for its work. The value of the work receives testimony from the fact that frequent requests for assistance have been made, including one from the Admiralty for mental tests of selected groups of officers and men of the Royal Navy, and one from the Ordnance Department in connection with testing and training stereoscopic vision. These have come as an aftermath of the national service rendered by the workers in the Psychological Laboratory during the War.

FACULTY OF MEDICAL SCIENCES.

Professor Starling's serious illness, which followed on his trip to India early in 1920 on a Government mission connected with the establishment of an Institute of Medical Research in that country, necessitated his absence from the College up to the end of last term. The Committee is indebted to Professor Bayliss and the other members of the *Physiology* staff for the manner in which the work was carried on during that period. It is a source of great satisfaction to record that Professor Starling is now restored to his former energy and able to take up his full duties. A Readership in Physiological Chemistry has been established, and Dr. J. C. Drummond has been appointed thereto.

The Department of *Anatomy* is at present struggling with the difficulties presented by the lack of space and material for the large number of students, but has before it the promise of greater deve-

lopment and opportunity when the new building to be provided by the Rockefeller gift is erected. A beginning has been made in providing the equipment and material for teaching and research in Microscopic Anatomy and Embryology. The collection of neurological preparations made by the late Dr. Page May has been transferred from the Institute of Physiology to the Department. This act of co-operation has made it possible for research and teaching in Neurology to begin at once.

The Department of *Hygiene and Public Health* continues to attract more students than it can accommodate, and research work has been restricted by lack of space and limited staff. During last session 119 postgraduate medical students were at work in the Department, compared with 64 in the preceding session; 81 have already registered this session.

FACULTY OF ENGINEERING.

Professor Matthews has resigned the Chadwick Chair of Municipal Engineering, on being appointed Chief Sanitary Engineer to H.M. Office of Works; the Senate hope to appoint his successor shortly. Meantime, arrangements are being made for carrying on the work of the Chair, with the help of Mr. Ormsby in Municipal Engineering, of Mr. E. Willis in Town Planning from an Engineering Aspect, and of Dr. Faber in Reinforced Concrete.

THE LIBRARY.

The accessions to the Library during the Session 1919–20 amounted to 4,880 volumes and 15,242 pamphlets, of which 2,843 volumes and 593 pamphlets have been presented. The pamphlets include the Schwalbe Collection of 14,423 Anatomical and Anthropological Tracts, which were purchased in Germany at a very favourable rate. This is one of the finest collections of anatomical and anthropological tracts in the world.

A sum of £25 has been given by Professor W. P. Ker for the purchase of Danish books, and a gift of £5 has been received from Sir Alexander Gibb.

The Collection of 1,850 books on American history, law and politics, presented by the Trustees of the Carnegie Endowment for International Peace, forms one of the most valuable accessions to the Library in recent years.

Lord Iveagh has presented the copy of Hector Bœce's "History of Scotland" which is traditionally recorded as having been presented by the author to King James V. of Scotland. The binding, which is an early 16th century French one, is probably the most elaborate binding of specially Scottish interest extant of so early a date. Sir Hercules Read has presented a copy of the "Collection of Drawings of Old Masters in the possession of J. Pierpont Morgan," a privately printed book in four volumes.

Other valuable donations include 39 Swedish books, presented by Miss K. Ericsson; 26 books on Dante and Italian literature, presented by Miss S. Norton; a collection of law reports, presented by

Mr. Gilbert H. Hurst; a collection of documents relating to Jeremy Bentham, presented by Miss M. Chadwick; a collection of archæological books, presented by Professor E. A. Gardner; a collection of plans and portraits of special interest in connection with the College, presented by Sir Rickman J. Godlee; a collection of the publications of the London School of Economics, presented by the School; 48 volumes of the publications of the Harleian Society, presented by the Society; and a large collection of Jewish books and pamphlets, presented to the Mocatta Library by Dr. C. Singer.

Lord Reay and Sir John F. Rotton, have continued to present a number of valuable continuations.

A complete List of Donations during the year ending December 31st, 1920, will be found in Appendix IX. (p. 106).

The Library of the Library Association has been transferred on loan by the Library Association, for the use of the students of the School of Librarianship. It is housed in a room in the Arts Annexe in which the Library of the School is temporarily located.

Throughout the Session the Library has been able to obtain German books direct from Germany on exceptionally favourable terms. This has been made possible by the services of three officers—Captain N. Fryer, Lieutenant C. E. C. Hanbury, and Captain W. E. Rolston—who have acted as honorary agents in Germany. Their valuable co-operation on behalf of the Library has been much appreciated.

Mrs. A. F. Pollard has again rendered valuable voluntary assistance in the Library.

Miss E. V. Hitchcock resigned her position as an Assistant Librarian on July 31st last, on being appointed Demonstrator in the Department of English.

During term, the General, Arts and Science Libraries are now kept open until 8 P.M. Many students have taken advantage of these longer hours.

The construction of the new floor over the Science Library and the Anatomical Museum has been commenced, and will be ready for occupation early in 1921. The work now in hand is the first portion of the new Science Library, Administrative Offices and Bookstore, which will be completed as soon as the Anatomical Museum is moved to its new quarters. The portion of the new floor which will be available, pending the completion of the final scheme, will provide store-space for several thousand books, which are at present hampering development in other parts of the Library. During the alterations the Science Library is temporarily housed in the Flaxman Gallery.

During the Session 1919–20, 185 students held keys of the Science Library, and 257 of the different Arts Libraries. The number of books issued for home reading was 5,976. Owing to the practice of allowing students direct access to the shelves, it is not possible to say how many books are referred to in the course of the session. Many books are consulted every day, and others hardly at all. As far as can be estimated, the total number of references would probably be between a quarter and half a million. Between four and five hundred students use the General Library in the course of a normal day during term.

EVENING AND VACATION LECTURES AND MEETINGS.

The evening activities of the College are steadily increasing, so that the buildings are now open on five evenings of the week for the purpose of special work, mainly of a post-graduate character.

History.

The Evening and Post-graduate School of History grows year by year. The number of students in the School in the Session 1919–20 was 162; in the current session it is 170. The number of applications was in excess of the number of places. The work of the School is highly appreciated by school teachers and specialists in History.

Geography.

It has been possible to develop the Evening School of Geography in view of the increased grant from the London County Council. The number of students in the School this Session is 79.

Phonetics.

The Evening School of Phonetics and of Spoken Language also grows year by year. The Reader in Phonetics, Mr. Daniel Jones, now has the help of twelve assistants.

The meetings of the Philological Society, the Geologists' Association, the Röntgen Society, the Jewish Historical Society, the Jewish Students' Union, the Folk Lore Society, the Economic Club, and the University Law Students' Society are held regularly in the College.

In addition to these, learned Societies, including the Classical Association, the Montessori Society, and the School Nature Study Union have met from time to time. In January, the Ninth Annual Conference of Educational Associations was held at the College.

The Conference of American and British Professors of English, July 1920, held its inaugural meeting at the College and was entertained at luncheon.

STUDENTS' SOCIETIES.

The growth of the Union Society in numbers and activity continues. The Annual Report issued for the Session 1919–20 showed a membership of 975. The celebration of Foundation Week, 1920, included productions by the Dramatic Society of "Friar Bacon and Friar Bongay;" an Oration on "Openings for Brain Work," by Mr. Bernard Shaw; a Dinner at Gatti's Restaurant; and a Dance at the College. The Sports were held on the 15th May, when the Engineers succeeded in retaining the Majority Cup. A new feature introduced was the Public Schoolboys' Invitation Race, which went to a member of Whitgift Grammar School. The College came third in order of merit for the Rosebery Cup at the University Sports. The Rugby Football Club has now been established on a pre-War footing, two teams being regularly put on the field. The First Fifteen, captained by J. R. Gammell, won 16 out of the 18 matches played last season. There have been three Association teams in the field, the first winning 8 out of 10 games played, the second 10 out of 11, and the third 7 out of 7. The Cricket and Hockey Clubs, the

Racquets and Fives Club, and the Rowing Club have all been active. The Games Room has been furnished so as to serve as an additional Lounge as well as a Games Room. The Committee has expended £140 in furnishing that room and in new furniture and repairs in the main Lounge and Reading Room.

Social work in connection with the St. Christopher's Working Boys' Club, hitherto carried on by the Christian Union, has now been transferred to the Union Society, whose members have thus a new and important sphere of activity.

An appeal for £6,000 has been issued under the joint auspices of the Union Society and the Medical Society of University College Hospital Medical School for the purpose of clearing off the mortgage on the Athletic Ground at Perivale and of paying for the extension of seven acres recently acquired in close proximity to the present Ground. The Appeal has been conducted since October with much vigour by the students of the College and Hospital and about £2,500 has been raised. It is hoped that the whole of the sum required for this purpose will be subscribed by the end of February 1921. Members of the College who have not already subscribed to this important object are invited to assist the students in their attempt to complete the Athletic Ground Fund. The Treasurer of the Fund is Prof. W. M. Bayliss.

The Women's Union Society has also had an active year. It has succeeded in completing the £1,000 that it set itself to raise for the Garrett Anderson Memorial Scheme. The social and athletic sides of its work are flourishing, and co-operation with the Union Society is being developed. The membership last session rose to 735. The Annual "At Home," which had not been held since 1914, was successfully revived in May 1920.

The College Magazine is now in the hands of a joint editorial board, and the first Inter-Union issue of the Students' Handbook has been made this year.

The other Students' Societies have all been very active, and the following have been added to their number:—An Archæological Society, a Geographical Society, and a German Society. The Men's and Women's Christian Unions have combined to form one strong Society.

The Dramatic Society gave two very successful performances of "Five Birds in a Cage," by Gertrude Jennings, and "The Lucky One," by A. A. Milne, on December 14th and 15th, 1920, the scenery being executed by students of the Slade School. The proceeds were given to the War Memorial Fund.

The Debating, Orchestral, Choral, Musical, Literary, Historical, and other kindred Societies have organised regular meetings, and the Ancient History Circle is enthusiastically supported.

In response to a communication from the Guild of Graduates, the College Committe resolved:—

> That the Guild of Graduates be invited to submit to the College Committee every year in January the names of three graduates who have been students of the College, with a view to

the College Committee taking into consideration the desirability of recommending the Senate to appoint one of the persons so named to be a member of the College Committee for the ensuing year.

Under this resolution, the Guild of Graduates has just presented to the College Committee the result of the vote of its members, and the name of Dr. R. W. Chambers will be submitted to the Senate for membership of the College Committee on the nomination of the Guild.

The Students of the College have taken a leading part in the movement for organising general University activities. The University Association Football team that was first organised in the Session 1911–12 has been re-formed and has had a remarkably successful season. Each of the four games played has been won, the total number of goals scored being 24 against 5. Four members of the College Eleven play regularly in the University team.

A University Rugby Football Fifteen has been organised, and the team promises well. Two important movements, one for the formation of a University Union and the other for the acquisition of a University Athletic Ground and Boathouse, are well supported in the College.

THE HALLS OF RESIDENCE.

The annexe to University College Hall, which was opened in January 1920, has been full throughout the year, and it has been necessary also to acquire bedrooms for additional residents near the Hall. A donation of £500 has been received from Mr. Lewis Haslam, M.P. for the benefit of the Hall. Mr. J. R. Gammell has been re-appointed Bursar for the present session.

An additional annexe has been provided for College Hall, Byng Place, and the total number of residents now accommodated is 78.

The extension of the provision of places of residence for University students is a matter of considerable urgency. The College Committee have learnt with satisfaction that the University Grants Committee are giving special consideration to this question.

THE CRABB ROBINSON FUND.

During the financial year 1919–20, the following grants were made from the Income of the Crabb Robinson Fund :—

The Union Society—towards Rent Charges on the Athletic Ground, £75; towards Gymnasium Alterations, £50; *The Women's Union Society*—towards Rent Charges on the Women's Athletic Ground, £50; *University College Hall, Ealing*—towards a Hard Tennis Court, £115; towards the Library, £5; *College Hall, Byng Place*—towards a Tennis Court, £20; towards the Library, £4 10*s*.

The following grants have already been made during the current financial year :—

The Union Society—towards Rent Charges on the Athletic Ground, £75; *The Women's Union Society*—towards Rent Charges on the Women's Athletic Ground, £50; *College Hall, Byng Place*—towards the Library, £6.

THE PEEL FUND.

The income of the Peel Fund was expended in grants for the purchase of books made to the following Institutions :—

£5 each to (i.) St. Christopher's Working Boys' Club, Fitzroy Square; (ii.) Club and Reading Room, Crondall, Herts; (iii.) Penrhos Parish Lending Library, Raglan, Mon.; (iv.) Wotton-under-Edge Town Trust, Glos.; (v.) Pontllin Village Library, Glam.

APPENDIX I.

Geographical Distribution of Students (1919–20).

	Day.	Postgraduate and Research.	Evening.	Vacation Course.	Totals.
London	847	186	226	34	1293
30 Miles Radius	312	42	41	16	411
United Kingdom	434	82	42	88	646
Australia	10	9	1	—	20
Canada	10	2	—	—	12
Ceylon	6	1	—	—	7
Cyprus	1	—	—	—	1
Egypt	7	1	—	—	8
Gibraltar	1	—	—	—	1
Brit. Guiana	1	—	—	—	1
India	33	21	—	4	58
B. W. Indies	4	—	—	—	4
Mauritius	2	—	—	—	2
New Zealand	8	5	—	—	13
South Africa	14	4	2	—	20
Straits Settlements	2	1	—	—	3
Africa	1	1	—	—	2
Madeira	1	—	—	—	1
Belgium	3	—	1	7	11
Denmark	5	1	6	9	21
Finland	1	—	1	—	2
France	6	—	26	76	108
Germany	1	—	1	—	2
Greece	3	1	—	1	5
Holland	3	1	6	23	33
Italy	1	2	5	5	13
Norway	14	—	4	13	31
Poland	1	3	2	—	6
Roumania	3	1	—	1	5
Russia	3	1	2	3	9
Serbia	1	1	3	—	5
Spain	—	1	—	—	1
Sweden	1	—	6	5	12
Switzerland	10	—	7	1	18
China	3	2	2	—	7
Japan	1	16	2	1	20
Siam	1	—	—	—	1
Turkey	—	—	2	—	2
Dutch E. Indies	1	—	—	—	1
Philippine Islands	1	—	—	—	1
S. America	2	1	1	—	4
U.S.A.	10	2	—	—	12
	1769	388	389	287	2833

APPENDIX II.

UNIVERSITY OF LONDON, UNIVERSITY COLLEGE.

ACCOUNTS

For the Eleven Months ended July 31st, 1920.

College Establishment—Income and Expenditure.

Treasury Non-Recurring Grant:—(i.) (1918–19), (ii.) (1919–20).

College Trust Funds—Income and Expenditure.

Trust Funds Balance Sheet.

Pension Fund Balance Sheet.

General Balance Sheet.

UNIVERSITY OF LONDON,

Dr. COLLEGE ESTABLISHMENT INCOME AND EXPENDITURE

EXPENDITURE.	1919–20. £ s. d.	1919–20. £ s. d.	1918–19. £ s. d.
To **Administration:—**			
Salaries of Administrative Officers and Clerical Staff	6,235 11 9		
Advertising	190 3 6		
Printing and Stationery	2,026 7 3		
Auditor's Fee (1918–19)	99 15 0		
Other expenses of Administration, Postages, etc.	554 16 4		
		9,106 13 10	7,268 16 2
To **Maintenance Charges:—**			
Rates and Insurance	5,995 4 2		
Heating, Lighting, and Water	4,411 12 2		
Ordinary Repairs and General Maintenance of Buildings	3,847 3 0		
Wages of Porters and Attendants	5,062 16 0		
Furniture	604 18 0		
Grounds	129 8 3		
Household Stores	4 7 7 3		
Crabb Robinson Fund for Athletic Grounds, Hall, etc.	319 10 0		
		20,777 18 10	14,490 7 7
To **Remuneration of Teachers and Expenditure on Laboratories, Libraries, etc.:—**			
Salaries of Professors and Readers	34,652 14 11		
Salaries of Lecturers and Assistants	26,651 18 4		
Museum and Laboratory Attendants	5,146 7 11		
Departmental Apparatus Grants	4,615 18 4½		
Librarian and Library Staff	2,112 1 0		
Libraries	1,103 10 6		
		74,282 11 0½	49,312 10 2
To **Superannuation and Pensions:—**			
College Contribution to Pension Fund	1,425 8 4		
Servants' Pensions	137 11 8		
Retired Professors' Pensions	250 0 0		
University Pension Fund	225 10 4		
Federated Superannuation Scheme	2,837 18 10		
		4,876 9 2	838 0 0
To **Scholarships, Exhibitions, and Prizes:—**			
From Endowments	2,106 19 0		
From Sources other than Endowments	124 5 0		
		2,231 4 0	1,929 19 2
To **Other Expenditure:—**			
Examinations: Fees to Examiners	27 3 0		
Rents and other payments for use of buildings	293 15 0		
Interest on Loan and Charges	160 5 4		
Payments to other Colleges	1,398 10 6		
Payments to Union Societies	2,316 12 0		
Working Men's Societies (Peel Fund)	46 8 10		
Cost of acquiring Lease, No. 21 Gordon Square (including Legal Expenses £40 17*s.* 10*d.*)	190 17 10		
Miscellaneous Payments	451 7 6½		
		4,885 0 0½	2,835 11 1
Trust Funds Dividends Invested (*see* Contra)	.....	1,544 9 6	1,149 3 11
		117,704 6 5	77,824 8 1
Expenditure out of Reserve Account	.....	1,085 5 2	168 1 2
Carried forward		118,789 11 7	77,992 9 3

NIVERSITY COLLEGE.

ccount for Eleven Months ended July 31st, 1920. *Cr.*

INCOME.		£ s. d.	£ s. d.	1919-20. £ s. d.	1918-19. £ s. d.
Fees:					
General (including £1,932 15*s.* 3*d.* for Intercollegiate Teaching)		45,863 15 5			
Less School of Librarianship	£592 4 0				
Applied Statistics and Eugenics	34 0 0				
		626 4 0			
			45,237 11 5		
Examination and Registration Fees			367 7 0	45,604 18 5	26,304 13 9
Practical Anatomy Dissection Fees:—					
Balance brought forward from 1918–19			245 0 1		
Received Session 1919–20			336 0 0		
			581 0 1		
Less carried forward to 1920–21			441 10 0	139 10 1	196 1 0
Endowments (Trust Funds):—					
Appropriated for Salaries of Professors and other Teachers			7,588 18 5		
Appropriated for Scholarships and Prizes			2,106 19 0		
Appropriated for Faculty of Medical Sciences (Holme Fund).			341 7 10		
Appropriated for Athletic Grounds, Hall, etc. (Crabb Robinson Fund)			319 10 0		
Appropriated for Retired Professors' Pensions			250 0 0		
Appropriated for purposes other than above			2,422 10 1		
Transferred to Capital (*see* Contra)			1,544 9 6	14,573 14 10	12,549 6 3
Donations and Subscriptions:—					
From Private Individuals:—					
(*a*) For Special Purposes:—Forward from 1918–19		647 11 0			
Received 1919–20		276 8 2			
		923 19 2			
Less carried forward to 1920–21		723 2 6			
		200 16 8			
(*b*) For General Purposes		39 4 0			
From Bodies:—			240 0 8		
per His Excellency the Italian Ambassador			300 0 0		
Chadwick Trustees			250 0 0		
Drapers' Company (Applied Statistics):—					
Balance from 1918–19		689 8 10			
Received 1919–20 (including £56 14*s.* 10*d.* Publications and £23 0*s.* 2*d.* Deposit Interest)		583 19 0			
		1,273 7 10			
Less carried forward to 1920–21		218 16 9	1,054 11 1		
Rhodes Trustees		150 0 0			
Less carried forward 1920–21		150 0 0			
Carnegie United Kingdom Trust (School of Librarianship):—					
Annual Grant		1,500 0 0			
Add Fees (Gross)	£592 4 0				
Less Fees for Classes other than Librarianship	206 3 0				
		386 1 0			
		1,886 1 0			
Less carried forward to 1920–21		195 2 10	1,690 18 2	3,535 9 11	1,454 7 11
Grants from Local Authorities, etc.:—					
London County Council		821 18 6			
Less shown under Fees, etc.		821 18 6			
London County Council (University Account):—					
Schools of History, Phonetics, and Italian			1,680 0 0		
Chemistry			2,425 0 0		
German			900 0 0		
Electrical Engineering			900 0 0		
School of Architecture			500 0 0		
Libraries			450 0 0		
Lectures to Teachers			320 0 0		
Surrey County Council			50 0 0		
Carried forward			7,225 0 0	63 853 13 3	40,504 8 11

UNIVERSITY OF LONI

Dr. COLLEGE ESTABLISHMENT INCOME AND EXPENDI

EXPENDITURE.	1919-20. £ s. d.	191 £
Brought forward	118,789 11 7	77,992
	£118,789 11 7	£77,992
To Balance brought down	2,636 13	
To Balance brought forward from 1918-19	2,207 19	
To Balance carried down	4,905 7	
	£9,750 0 0	

IVERSITY COLLEGE.

OUNT FOR ELEVEN MONTHS ENDED JULY 31ST, 1920 (*con.*). *Cr.*

INCOME.	£ s. d.	£ s. d.	1919-20. £ s. d.	1918-19. £ s. d.
Brought forward	.....	7,225 0 0	63,853 13 3	40,504 8 11
Grants from Local Authorities (*cont.*) :—				
Library (German) Grant :—				
Balance from 1918-19	16 6 3			
Received 1919-20 (from L.C.C. £25, from Univ. £25)	50 0 0			
	66 6 3			
Less carried forward to 1920-21	.....	66 6 3		
Scandinavian Committee—sum provided for Scandinavian Teaching	.....	1,300 0 0		
			8,591 6 3	8,307 17 2
Parliamentary Grants :—				
Treasury Grant	.....	39,000 0 0		
Board of Education :—				
Grants for Ex-Officers	11,477 4 1			
Grants to other Students	3,400 13 0			
	14,877 17 1			
Less shown under Fees	14,877 17 1			
		.....		
War Office—German Interpretership Course	.....	105 0 0		
	.....		39,105 0 0	24,457 3 4
Other Income :—				
Interest and Dividends :—				
Deposit Interest	.....	466 0 2		
Interest on Loan to Equipment and Endowment Fund	.....	155 10 1		
Lady Goldsmid Fund	.....	120 4 4		
Maintenance Fund (including Bawden)	.....	1,149 16 8		
Library Deposit Fund	.....	9 13 0		
Egyptology Fund (to meet expenditure)	.....	2 11 11		
Orpen Picture Fund (to meet expenditure)	.....	25 11 0		
Rent, Sales, etc.:—				
Houses and Land	.....	414 19 9		
Pension Funds (Administration Charges)	.....	25 0 0		
Societies	.....	276 0 2		
Lockers	.....	194 5 6		
Sale of Calendars, etc.	.....	20 4 2		
Chemistry Department	.....	259 1 6		
Chemistry Stores (for Service)	.....	170 0 0		
British Photographic Association (for Service)	.....	175 0 0		
Miscellaneous	.....	53 15 8		
			3,517 13 6	2,343 19 10
			115,067 13 0	75,613 9 3
Amount appropriated out of Reserve to meet expenditure (per Contra)	.....	.....	1,085 5 2	168 1 2
			116,152 18 2	75,781 10 5
Balance, being excess of Expenditure over Income for the year	.....	.....	2,636 13 5	2,210 18 10
			£118,789 11 7	£77,992 9 3
Adjustment of Treasury Grant due to alteration of financial year	.....	.....	9,750 0 0	
			£9,750 0 0	
Balance brought down	.....	.....	4,905 7 1	

UNIVERSITY OF LONDON,

Dr. TREASURY

EXPENDITURE.

	£ s. d.	£ s. d.
To Amount appropriated in 1918–19 towards meeting deficiencies, 1917–18 and 1918–19	.....	6,700 0 0
To Transferred to Equipment and Endowment Account for Sculpture Studios	.....	2,000 0 0
To Expenditure on :—		
Departmental Apparatus	2,609 17 3	
Libraries (Books and Binding, etc.)	868 16 6	
Re-heating (North Wing, etc.)	2,156 17 4	
Re-wiring	32 17 10	
Deferred Works	3,600 0 0	
		9,268 8 11
To Balance carried to Reserve Account	.....	2,031 11 1
		£20,000 0 0

TREASURY

	£ s. d.	£ s. d.
To Expenditure on:—		
Bonuses to Staff	4,462 0 0	
Departmental Apparatus	2,186 2 11	
Chemical Laboratories	1,102 16 0	
		7,750 18 11
To Balance carried to Reserve Account	.....	10,249 1 1
		£18,000 0 0

UNIVERSITY COLLEGE.

NON-RECURRENT GRANT (1918–19). *Cr.*

INCOME.

	£	s.	d.
By Treasury non-recurrent Grant, 1918–19	20,000	0	0
	£20,000	0	0

NON-RECURRENT GRANT (1919–20).

	£	s.	d.
By Treasury non-recurrent Grant, 1919–20	18,000	0	0
	£18,000	0	0

UNIVERSITY OF LONDON,

Dr. COLLEGE TRUST FUNDS INCOME AND EXPENDITURE

EXPENDITURE

	1919-20. £	s.	d.	1918-1919 £	s.	d.
To Application of Trust Funds Dividends, viz.:—						
Andrews: Scholars and Expenses	295	2	1	260	3	8
Astor: Professors, Dividends Invested and Expenses	790	0	0	700	0	0
Baker, Sarah: Expenses (£7 10*s.* debit balance from 1918-19)	8	2	6	20	0	0
Barlow: Lecturers and Expenses	35	8	11	35	18	9
Bayliss: Apparatus	52	5	0	82	10	0
Berridge: Professor, Assistant, Apparatus and Expenses	299	13	9	298	5	4
Bucknill: Scholars and Expenses	150	17	7	150	14	11
Campbell Clarke: Scholarship and Expenses	45	9	6	45	7	4
Celtic: Lecturer, Books and Expenses	41	2	11	3	8	8
Cluff: Expenses (8*s.* debit balance from 1918–19)		16	0	15	8	0
Crabb-Robinson: Grants to Union Societies, etc	330	16	8	156	0	4
Crabb-Robinson (Flaxman): Beadle, Repairs to Flaxman Gallery, Expenses	45	0	0	138	8	7
Ditto (do.) Decoration of Gallery		1	3	.....		
De Moleyns: Electrical Apparatus and Expenses	11	0	0	12	0	0
Derby: Expenses	3	0	9	104	6	0
Dolley: Prizes and Expenses	1	9	3	1	0	6
Edwards: Professors	102	2	2	151	7	4
Fielden: Professors, Scholars and Expenses	250	12	3	200	16	4
Foster, Carey: Prizes and Expenses	5	3	7	5	6	2
Galton: Professor, Assistants, Apparatus, etc.	2,602	0	10	1,572	9	8½
Geological Museum: Apparatus	13	13	5	23	12	9
Goldsmid Professorships: Professors and Expenses	74	7	2	98	14	0
Goldsmid, Sir F. H., Bart.: Professors, Scholars and Expenses	655	17	9	626	0	9
Do. Do. Do.: College Establishment	209	6	10	381	13	8
Goodall: Scholarship and Expenses	41	1	5	21	1	9
Grant: Purchase and Binding of Books and Expenses	42	14	6	58	18	9
Griffith: Assistants	83	2	4	67	0	0
Grote: Professors	222	19	7	312	18	11
Grove: Scholar, Dividends Invested and Expenses	99	11	10	84	8	9
Head: Expenses		7	6	16	7	9
Heimann: Expenses		1	11	6	14	5
Hobbes, John Oliver: Expenses and Dividends Invested	26	6	7	31	5	9
Hollier: Scholars, Examiners, Expenses and Dividends Invested	227	6	8	219	4	11
Holme: Professors and Assistants	240	0	0	90	0	0
Holme: College Establishment	101	7	10	252	11	4
Hume: Scholars, Examiners, Expenses	37	8	6	101	5	11
Jessel: Scholarship, Expenses and Dividends Invested	105	7	11	24	3	3
Jews' Commemoration: Scholarship and Expenses	32	5	10	47	4	9
Jodrell Physiology: Professor	265	6	2	265	0	7
Jodrell Zoology: Professor	253	6	3	253	11	10
Lewis, Bunnell: Prizes, Expenses and Dividends Invested	51	0	5	37	18	5
Lloyd: Expenses	1	0	5	17	18	11
Malden: Scholars' Medal and Expenses	21	8	5	59	13	2
Melville Nettleship: Expenses	8	4	1	2	4	1
Mill: Scholarship and Expenses	21	16	2	58	14	5
Mocatta: Purchase and Binding of Books and Expenses	62	9	1	37	14	7
Mocatta Equipment: Expenses		3	9		3	8
Morison: Lecturer, Scholar and Expenses	266	2	0	269	0	8
Morison Scholarship: Scholar, Dividends Invested and Expenses	124	9	6	84	5	8
Morison Memorial Medal: Expenses			11		18	5
Morley: Expenses (£1 4*s.* 3*d.* debit balance from 1918-19)	1	4	11	1	17	7
Morris Bursary: Scholar and Expenses	16	19	11	54	17	8
Morris Prize: Expenses		3	5	11	6	5
Murray: Expenses and Dividends Invested	9	8	10	10	7	8
Newmarch: Lecturer	61	7	8	68	19	2
Norman-Robinson: Scholar and Expenses	31	15	9	59	0	0
Peel Memorial: Books etc. for Working Men's Societies and Expenses	48	13	3	69	8	0
Peene: Purchase and Binding of Books and Expenses	44	4	9	60	2	11
Pender Memorial: Electrical Apparatus	128	18	0	52	10	8
Postgate: Prize and Expenses	2	3	0	4	3	11
Pollard Prize: Prize and Expenses (£1 7*s.* 3*d.* debit balance from 1918–19)	1	10	2	2	6	0
Carried forward	£8,705	9	5	£7,899	3	5½

UNIVERSITY COLLEGE.

Account for Eleven Months ended July 31st, 1920. *Cr.*

INCOME.

	1919-1920. Receipts during the Year.	1919-1920. Total Income (after adjusting the previous year's balances).	1918-1919.
By Trust Funds Dividends, etc., viz.:—	£ s. d.	£ s. d.	£ s. d.
Andrews	201 7 0	408 7 6	467 4 2
Astor	747 8 10	841 4 10	793 16 0
Baker	25 1 1	25 1 1	12 10 0
Barlow	35 11 3	36 3 8	36 11 2
Bayliss	52 5 0	52 5 0	82 10 0
Berridge	297 19 10	299 13 9½	299 19 3
Bucknill	183 17 3	296 2 1	262 19 9
Campbell Clarke	49 2 8	83 4 3	79 8 11
Celtic	23 5 7	111 6 6	91 9 7
Cluff	8 0 4	8 0 4	15 0 0
Crabb-Robinson	129 3 5	327 19 4	354 16 3
Crabb-Robinson (Flaxman)	45 0 0	45 0 0	138 8 7
Do. (do.) Decorn. of Gallery	2 11 4	3 17 0	1 5 8
De Moleyns	21 14 9	54 13 5	44 18 8
Derby	60 6 9	67 4 8	111 3 11
Dolley Memorial Prize	2 10 5	3 15 10	2 5 11
Edwards	102 3 2	102 5 9	151 9 11
Fielden	200 1 5	250 13 8	251 8 7
Foster, Carey	7 3 6	23 17 2	21 19 10
Galton	2,097 16 1	3,264 11 6½	2,739 5 2
Geological Museum	10 16 5	13 15 2	26 11 6
Goldsmid Professorships	74 3 0	74 9 8	99 0 8
Goldsmid, Sir F. H., Bart.	805 4 7	925 4 7	1,127 14 5
Goodall	21 4 0	98 9 5	98 7 2
Grant	50 16 10	120 19 7	129 1 6
Griffith	82 12 0	83 12 3	68 0 3
Grote	222 14 4	222 19 9	313 4 4
Grove	95 2 4	163 13 4	152 19 9
Head	7 19 7	15 12 9	24 0 11
Heimann	2 0 9	2 14 5	7 8 1
Hobbes, John Oliver (Mrs. Craigie)	28 0 2	55 17 4	59 2 11
Hollier	230 4 8	365 10 6	354 10 9
Holme	341 7 10	341 7 10	342 11 4
Hume	79 3 9	127 17 1	149 19 3
Jessel	110 10 11	214 4 3	127 16 7
Jews'	45 18 7	78 0 1	79 6 3
Jodrell Physiology	265 6 6	265 19 0	265 13 1
Jodrell Zoology	253 6 10	253 19 1	254 4 1
Lewis, Bunnell	42 8 11	81 11 5	77 0 11
Lloyd	21 1 6	41 0 5	37 17 10
Malden	26 19 11	33 13 4	66 6 7
Melville Nettleship	4 3 3	8 5 3	6 6 1
Mill	34 5 8	49 5 0	73 13 9
Mocatta	72 11 1	179 3 1	144 6 7
Mocatta Equipment	3 16 8	11 2 3	7 9 3
Morison	266 2 0	266 2 0	269 0 8
Morison Scholarship	92 10 2	153 17 1	145 12 7
Morison Memorial Medal	17 2	2 17 6	2 18 9
Morley	13 4	13 4	13 4
Morris Bursary	11 8 10	13 18 4	57 7 2
Morris Prize	2 17 9	6 13 8	15 2 4
Murray	9 7 1	19 1 2	20 1 9
Newmarch	61 13 8	62 10 10	69 16 4
Norman-Robinson (including Refund of Scholarship)	32 9 3	67 9 9	94 0 6
Peel Memorial	45 0 0	46 4 8	70 12 8
Peene	53 13 8	156 9 2	162 18 5
Pender Memorial	148 2 0	665 8 9	569 17 5
Postgate	3 19 0	7 0 2	7 5 1
Pollard Prize	2 10 1	2 13 7	18 9
Carried forward	£7,955 13 9	£11,604 14 3	£11,537 10 11

UNIVERSITY OF LONDON

Dr. COLLEGE TRUST FUNDS INCOME AND EXPENDITURE

EXPENDITURE.

		1919–1920. £ s. d.	1918–1919. £ s. d.
Brought forward		8,705 9 5	7,899 3 5½
To Application of Trust Funds Dividends (*con.*):—			
Quain: Professors, Assistants, Prizes, Apparatus and Expenses		1,584 16 10	1,807 3 5½
Quain Law: Professor and Expenses		289 4 3	384 5 8
Retired Professors: Pension, Dividends Invested and Expenses		715 9 0	382 3 2
Ricardo: Purchase of Books and Expenses		22 3 1	86 7 4
Rothschild, Hester & L. M. (Halfon): Scholars and Expenses		10 4 10	94 12 5
Rothschild, Mayer de: Scholarship, Expenses and Dividends Invested		92 15 1	20 13 4
Ross, Robert: Expenses		2 0 6	36 17 9
Schäfer: Scholarship Expenses		18 6 7	10 6 5
Sharpey: Scholar		127 6 0	213 0 0
Slade Prizes: Prizes and Expenses		79 0 10	53 19 0
Slade Professorship: Professor		233 13 1	231 14 4
Slade Scholarships: Scholars, Assistants, Models, Apparatus and Expenses		341 15 8	335 3 11
Thompson-Yates: Professor		31 10 4	31 10 6
Tuffnell: Scholars, Expenses and Dividends Invested		445 5 1	278 1 5
Warr Bursary: Bursary and Expenses		10 3 3	10 3 4
Watson, Ellen: Scholarship Expenses and Dividends Invested		36 1 8	20 0 9
West: Scholarship Expenses		31 12 10	61 13 1
Women's History: Purchase of Books		6 6 0	7 7 8
Yates Archæology: Professor and Expenses		198 1 3	301 11 11
Yates Geology: Professor and Expenses		189 19 10	283 18 9
Dutch Studies (Professors, Readers, Expenses and Dividends Invested)		1,412 18 11	.....
Harcourt, F. H. Vernon		.....	.....
Total Expenditure 1919–20	£14,573 14 10		
Debit balances from 1918–19	10 9 6		
		£14,584 4 4	£12,549 17 8
Balance July 31st, 1920 (see Balance Sheet below)		3,766 4 4½	5,484 10 7
		£18,350 8 8½	£18,034 8 3

UNIVERSITY COLLEGE.

ACCOUNT FOR ELEVEN MONTHS ENDED JULY 31ST, 1920 (*con.*). *Cr.*

INCOME.

	1919–1920. Receipts during the Year.	1919–1900. Total Income (after adjusting the previous year's balances).	1918–1919.
	£ s. d.	£ s. d.	£ s. d.
Brought forward	7,955 13 9	11,604 14 3	11,537 10 11
By Trust Funds Dividends, etc. (*con.*) :—			
Quain	1,741 8 10	2,136 4 9½	2,201 19 5
Quain Law	284 5 9	284 5 9	384 5 8
Retired Professors	334 14 4	670 10 6	717 19 4
Ricardo	56 16 11	88 12 4	118 2 9
Rothschild, Hester & L. M. (Halfon)	58 9 4	93 13 8	129 16 9
Rothschild, Mayer de	57 3 1	149 17 10	113 8 1
Ross, Robert	40 14 9	78 0 1	74 3 1
Schiller	5 7 4	17 11 11	22 11 0
Sharpey	114 17 3	127 9 1	225 11 10
Slade Prizes	81 1 1	136 3 0	109 0 11
Slade Professorship	232 6 1	234 4 10	233 13 1
Slade Scholarships	319 14 8	354 14 8	370 3 11
Thompson-Yates	31 10 1	31 10 5	31 10 10
Tuffnell	207 8 7	455 4 1	525 16 11
Warr Bursary	2 5 11	10 11 5	18 8 10
Watson, Ellen	20 17 5	41 9 9	40 13 1
West	17 7 9	21 2 7	65 7 11
Women's History	7 5 3	7 12 0	7 14 5
Yates Archæology	198 1 3	198 1 3	301 11 11
Yates Geology	190 3 0	190 3 0	283 18 9
Dutch Studies	891 19 0	1,412 17 10	520 18 10
Harcourt, F. H. Vernon	5 13 8	5 13 8	.....
	£12,855 5 1	£18,350 8 8½	£18,034 8 3

UNIVERSITY OF LONDON,

TRUST FUNDS BALANCE

LIABILITIES AND CAPITAL.

COLLEGE TRUST FUNDS CAPITAL ACCOUNT.	£	s.	d.	£	s.	d.
Balance August 31st, 1919	347,910	9	6			
Add Sundry Dividends Invested (transferred from Income and Expenditure Account)	1,544	9	6			
L. F. Vernon Harcourt Bequest—Legacy under late Prof. L. F. Vernon Harcourt's Will and invested in 5 per cent. War Stock, 1929–47	200	0	0			
Dutch Studies Fund—Investments handed over by late Treasurer of the Fund	2,718	4	5			
	352,373	3	5			
Less Norman Robinson Fund—Sale of Investment to meet Legal Expenses due to University College incurred in August, 1915	105	9	6			
				352,267	13	11
University College General Account	.....			823	14	6
Income and Expenditure Account	.....			3,766	4	4
				£356,857	12	9

I have examined the above Balance Sheet and relative Income relating thereto, and certify them as being properly drawn up and in

3 Frederick's Place, E.C. 2.
1 December, 1920.

UNIVERSITY COLLEGE.

SHEET, JULY 31ST, 1920.

ASSETS.

		£	s.	d.
INVESTMENTS at cost		352,267	13	11
COMMISSIONERS OF INLAND REVENUE (Income Tax) Account		1,820	4	2
Cash at Bank on Deposit:				
Galton Fund	£420 0 0			
General Account	2,349 14 8	2,769	14	8
		£356,857	12	9

and Expenditure Account with the books, accounts and vouchers
accordance therewith.

(Signed) H. J. MORLAND, *Chartered Accountant.*

UNIVERSITY OF LONDON,

PENSION FUND BALANCE

LIABILITIES.

	£ s. d.	£ s. d.
BENEFICIARIES' AND COLLEGE CONTRIBUTIONS ACCOUNT:—		
Amount brought forward August 31st, 1919	14,207 16 2	
Beneficiaries' Contributions to July 31st, 1920 ... 725 8 4		
College Ditto Ditto 725 8 4		
	1,450 16 8	
Interest (less tax) on Ditto Ditto	364 8 4½	
COLLEGE ADDITIONAL 5 °/₀ CONTRIBUTIONS (awaiting confirmation of University).....	700 0 0	
Interest (less tax) on Ditto Ditto	4 11 11½	
		16,727 13 2
AUGMENTATION ACCOUNT:—		
Balance brought forward August 31st, 1919	156 13 9	
Balance of Income transferred, 1919–20	8 3 9	
		164 17 6
The College:—		
Expenses incurred or paid on behalf of the Fund	.....	30 5 0
		£16,922 15 8

I have examined the above Balance Sheet with the books, up and in accordance therewith.

3 Frederick's Place, E.C. 2.
1 December, 1920.

UNIVERSITY COLLEGE.

SHEET, JULY 31ST, 1920.

ASSETS.

	£	s.	d.
The Commercial Union Assurance Company, Limited .... (Funds in their hands at this date.)	16,922	15	8
	£16,922	15	8

accounts and vouchers relating thereto, and certify it as being properly drawn

(Signed) H. J. MORLAND, *Chartered Accountant.*

UNIVERSITY OF LONDON,

General Balance Sheet of the

LIABILITIES AND CAPITAL.

	£ s. d.	£ s. d.
College General Capital Account.		
Balance, August 31st, 1919	338,072 8 2	
Add:		
All Saints' Church; Rent received from H.M. Office of Works	105 15 0	
		338,178 3 2
Orpen Picture Fund	.....	1,000 0 0
Egyptology Fund	.....	1,110 10 8
Superannuation Fund, No. 1	1,857 11 9	
Add: Dividends on 5 per cent. War Stock	37 10 0	
		1,895 1 9
Superannuation Fund, No. 2 (Amount held in reserve, pending decision of University to increase amount of Contributions)	.....	1,455 11 11
University Pension Fund (Amount held in reserve, pending decision of University to increase amount of Contributions)	.....	125 0 0
Winifred Smith Superannuation Accumulation Fund	.....	32 4 5
E. Sprague Ditto	.....	15 0 0
Loan from Bankers (Hawarden Castle)	.....	2,350 0 0
Loan from University (Gower Street Houses)	6,125 0 0	
Less Repayment on Account	879 18 10	
		5,245 1 2
Trust Funds (see separate Balance Sheet)	.....	356,857 12 9
Sundry Creditors	.....	482 3 8
School of Librarianship Account	.....	195 2 10
Reserve Account towards meeting Expenditure deferred owing to the War:—		
Non-recurrent Grant, 1918–19	2,031 11 1	
Ditto 1919–20	10,249 1 1	
		12,280 12 2
Sundry Outstanding Accounts and Unexpended Balances:—		
	£ s. d.	
Donations for Special Purposes	723 2 6	
Drapers' Company Grant Account	218 16 9	
Rhodes Trustees Grant Account	150 0 0	
Practical Anatomy Dissection Fees	441 10 0	
Library Deposits Account	56 13 11	
Crabb-Robinson Trustees Grant Account	4 5 0	
Carpenters' Company Grant Account	50 0 0	
Apparatus and Keys Deposits Account	100 0 0	
Fees Suspense Account	3,250 3 10	
German Library (University College) Account	103 0 4	
Orpen Picture Fund	95 2 1	
Sundry Accounts	146 13 2	
"Treasure Trove" Account	9 14 7	
Spirit Account	32 13 1	
Gower Street Houses Dilapidations Account	879 18 10	
		6,261 14 1
Departmental Apparatus Accounts:—		
Applied Mathematics	12 14 7	
Graphics	26 19 4	
Organic and Applied and Physiological Chemistry	209 2 2½	
Zoology	19 3 10½	
Phonetics	24 13 4	
Chemistry Laboratory	32 3 4	
		324 16 8
Income and Expenditure Account	.....	4,905 7 1
		£732,714 2 4

I have examined the above Balance Sheet and relative Income thereto, and certify them as being properly drawn up and in accordance

3, Frederick's Place, E.C. 2,
1 December, 1920.

UNIVERSITY COLLEGE.

College, at July 31st, 1920.

ASSETS.

	£ s. d.	£ s. d.
College Freehold Lands, Buildings, Furniture, Library, etc., being the Land with the Buildings of the College and the Buildings Extensions, at the Approximate Valuation of August 1897 (as per last Balance Sheet)	186,000 0 0	
Physiology Institute (Ditto)	21,842 14 10	
Pharmacology Institute (Ditto)	5,544 19 3	
Egyptology Collection.....	5,850 0 0	
	219,237 14 1	
New Chemistry Building, being the Freehold Land with the Buildings, Fittings, etc., at cost to 31 August, 1919 (as per last Balance Sheet) ... 102,532 0 7		
Less: Amount to be raised 3,943 1 7		
	98,588 19 0	
All Saints' Church (for conversion into Great Hall) at cost.	6,075 13 1	
General College Heating at cost to 31 August, 1919	2,504 7 10	
		326,406 14 0
Investments at cost :—		
Maintenance Fund :—		
London County Council $3\frac{1}{2}$ % Stock	6,448 3 6	
5 % War Stock, 1929–47	5,297 11 3	
	11,745 14 9	
Lady Goldsmid Fund :—		
Bank of England Stock £1,202 3*s*. 9*d*.	3,053 11 1	
Library Deposits (Met. 3 %, India $3\frac{1}{2}$ %, Scinde Rly. Annuity "B," and Met. $3\frac{1}{2}$ %)	286 11 2	
Superannuation Fund :—		
5 % War Stock, 1929–47, £750	712 10 0	
Egyptology Fund : ditto, £1,000	950 0 0	
Orpen Picture Fund : ditto, £1,052 13*s*.	1,000 0 0	
Winifred Smith Superannuation Accumulation Fund 4 % Funding Loan, 1960–90	32 4 5	
E. Sprague Superannuation Accumulation Fund 4 % Funding Loan, 1960–90	15 0 0	
		17,795 11 5
"Hawarden Castle" Purchase Account	.....	2,365 6 2
Gower Street Houses : cost as at 31 August, 1895	4,500 0 0	
Add: Nos. 124 and 126 : cost as at 31st July, 1920.....	6,333 8 4	
		10,833 8 4
Refectory Plant, etc., as per last account	.....	422 4 10
Trust Funds (see separate Balance Sheet)	.....	356,857 12 9
Payments in Advance	.....	1,550 3 8
National Insurance Stamp Account :—		
Stamps in hand	16 5 4	
On deposit with Insurance Commissioners	197 0 0	
		213 5 4
Loan to Equipment and Endowment Fund	.....	5,000 0 0
Sundry Debtors	.....	7,740 1 11
Sundry Outstanding Accounts :—		
Alcohol	18 15 8	
Chemistry Stores	375 13 10	
"Hawarden Castle" Interest Account	40 0 0	
		434 9 6
Cash at Bank :—		
General Account £6,391 16*s*. 8*d*. plus outstanding credit £6 6*s*. 10*d*., *less* cheques not yet presented £6,200 14*s*. 2*d*.	197 9 4	
On Deposits (Special Funds).....	2,897 15 1	3,095 4 5
		£732,711 2 4

and Expenditure Account with the books, accounts and vouchers relating therewith.

(Signed) H. J. Morland,
Chartered Accountant.

APPENDIX III.

GRANTS (1919–20).

		£	s.	d.
Treasury Grant		39,000	0	0
War Office (German Interpretership Course)		105	0	0
London County Council, through the University:				
Schools of History, Phonetics, and Italian	£1,680 0 0			
Chemistry	2,425 0 0			
German	900 0 0			
Electrical Engineering	900 0 0			
School of Architecture	500 0 0			
Libraries	450 0 0			
Do. (German Grant)	25 0 0			
Lectures to Teachers	320 0 0			
		7,200	0	0
University of London (German Library)		25	0	0
Surrey County Council		50	0	0
Scandinavian Committee (for Scandinavian Teaching)		1,300	0	0
		£47,680	0	0

Treasury Grant (non-recurring):		
Balance of 1918–19	£10,000 0 0	
Received 1919–20	18,000 0 0	
		£28,000 0 0

SUBSCRIPTIONS AND DONATIONS (1919–20).

	£	s.	d.
Baily, M. A.	10	0	0
Bartlett, Mrs.	*3	10	0
Bayliss, Prof. W. M.	10	0	0
Brown, Prof. Fredk.	5	0	0
Do. do.	*5	0	0
Cooper, Miss Ethel C. L.	1	1	0
Flügel, J.	*10	0	0
Forder, H. G.	*1	1	0
Gibb, Sir Alexander	*5	0	0
Kenwood, Prof. H. R.	*25	4	2
Ker, Prof. W. P.	*25	0	0
Leverhulme, The Rt. Hon. Lord	10	0	0
Do. do.	*50	0	0
Lyons, H. M.	*1	1	0
MacAlister, Sir John	*17	12	0
Carried forward	179	9	2

* For special purposes.

	£	s.	d.	£	s.	d.
Brought forward....	179	9	2			
Oppenheimer, H.	*10	0	0			
Russell, W. W.	*5	0	0			
Soper, H. E.	*1	0	0			
Spielmann, Sir Isidore	3	3	0			
Steer, P. W.	*5	0	0			
Thomas, Prof. J. Havard	*5	0	0			
Tonks, Prof. H.	*106	0	0			
Willoughby, Dr. L. A.	*1	0	0			
				315	12	2
Grant through His Excellency, the Italian Ambassador				*300	0	0
Chadwick Trustees				*250	0	0
Drapers' Company Grant (£500 Grant, £83 19 0 sale of Publications, Deposit Interest, etc.)				*583	19	0
Rhodes Trustees				*150	0	0
Carnegie United Kingdom Trust (Annual Grant to School of Librarianship), including Fees, £386 1 0				*1,886	1	0
				3,485	12	2
Balances in hand from 1918–19				1,336	19	10
				4,822	12	0
Less Balances carried forward to 1920–21				1,287	2	1
Net Total, as per Income and Expenditure Account.				£3,535	9	11

SUBSCRIPTIONS AND DONATIONS

promised and paid for the Session 1920–21.

	£	s.	d.
Anonymous	*100	0	0
Forder, H. G.	*2	2	0
MacGregor, Mrs. (in respect of 1919–20)	*50	0	0
Baker, Dr. E. A.	*10	8	8
Kenwood, Prof. H. R.	*4	11	8
Iveagh, The Rt. Hon. Lord	*54	0	0
Spielmann, Sir Isidore	3	3	0
	£224	5	4

* For special purposes.

APPENDIX IV.

Return of Attendances of the Members of the College Committee from 1st March, 1920, to 31st January, 1921.

Members of College Committee.	Attendances.		
	College Committee. 8 Meetings.	Managing Sub-Committee. 9 Meetings.	Special Sub-Committees.
Chairman (Lord Reay)	5	—	—
Vice-Chairman (Dr. J. Bourne Benson*)	8	1	6
Treasurer (Mr. F. V. Schuster)*	3	8	11
Treasurer (Mr. H. Keene)*	7	9	17
Provost (Sir Gregory Foster)*	7	8	22
Mr. A. D. Besant	6	—	5
Dr. G. F. Blacker*	6	7	5
Prof. Sir John R. Bradford	3	—	3
Prof. H. E. Butler	6	7	2
Lord Carmichael	0	—	1
Miss H. Chick*	1	1	—
Prof. E. G. Coker*	7	7	5
Viscount Elveden*	1	0	1
Sir Ralph C. Forster, Bt. ‡	3	—	3
Sir Alexander Gibb***	1	—	—
Miss Margaret A. Gilliland**	0	—	—
Sir Rickman J. Godlee, Bt.*	8	8	8
Sir A. Pearce Gould	6	—	—
Sir Ernest Moir, Bt.*	2	0	1
Prof. A. F. Murison*	8	3	1
Prof. F. W. Oliver	6	—	—
Sir Edwin Cooper Perry*	4	0	2
Mr. E. de Quincey Quincey*	6	7	8
Prof. G. Elliot Smith*	5	4	3
Mr. Andrew T. Taylor*	6	6	7

* Member of Managing Sub-Committee.
** Deceased May 1920.
*** Appointed November 1920.
‡ Resigned November 1920.

APPENDIX V.

Offer by the Rockefeller Foundation.

REPORT BY THE PROVOST AND THE PROFESSOR OF ANATOMY.

We have the honour to submit the following report:—

In pursuance of the permission granted to us, we visited New York by invitation of the Rockefeller Foundation. This Foundation has been established by Mr. John D. Rockefeller "to promote the well-being of mankind throughout the world": it has already performed a remarkable work in dealing with problems of Public Health in various parts of the world through its International Health Board; during the War it assisted various agencies for promoting Hygiene among the Troops and for promoting the welfare of refugees and prisoners of war: it has made the promotion of medical education and research its special field.

In pursuance of this last policy the Foundation shortly after the end of the War conceived the idea of assisting the development of medical education and research in London. They had before them Mr. Abraham Flexner's* Report on "Medical Education in Europe" (1912) and Sir George Newman's "Some Notes on Medical Education in England" (1918).

In both these works the development of medical teaching by the formation of Clinical Units† is advocated.

The knowledge gained from these two publications was supplemented with a Report by Dr. Wickliffe Rose, a member of the

* Director of the Rockefeller Home Education Board, New York.

† The meaning of the Clinical Unit System is explained as follows in a Memorandum issued by the University Grants Committee:—

"The essentials of this clinical system consist of three parts or units which should be inter-related and inseparable, dealing with medicine, surgery, and obstetrics (including gynæcology) respectively. In each of these subjects a Clinical Unit should include—

"A Professor or Director who would devote the greater part of his time to teaching, treatment, and research, competent above everything else to teach, of sound scientific training, and possessing scientific imagination, who shall have—

"(*a*) An adequate whole-time and part-time staff.
(*b*) The control of wards (50–100) beds.
(*c*) A proper and effective out-patient department.
(*d*) Ample laboratory accommodation for research and pathological work.
(*e*) Adequate scientific equipment for effective clinical teaching.
(*f*) A post-mortem service.

"Such units should work along with and supplement the ordinary ward services in which practical teaching will still be carried on as before. But while the ordinary services are organised only for the immediate needs of the patient and practical training of students, the Clinical Unit will, in addition, be especially equipped for scientific instruction and scientific research.

"The purpose of the Clinical Unit system is therefore (*a*) to provide improved practical and systematic teaching for *all* the students in a Medical School in their clinical years of study (it is important that the advantages should not be restricted to selected students), and (*b*) to co-ordinate the Preliminary Science subjects with the Intermediate subjects and both with the clinical work."

Rockefeller Foundation, and Dr. Pearce, medical expert advisor to the Foundation.

Dr. Rose and Dr. Pearce visited London in the latter part of last year, and during their stay, which extended into the early part of 1920, made themselves thoroughly acquainted with the conditions prevailing in London and with the several centres of medical education. They found that the President of the Board of Education, with the assistance of Sir George Newman, had already aided the establishment of Clinical Units at some of the London Medical Schools. At University College Hospital Medical School Dr. T. R. Elliott had already been appointed Director of the Medical Unit and Dr. Choyce, Director of the Surgical Unit. These two Units had only just been established, but plans had been thought out for their development and for the establishment of an Obstetric Unit as soon as the necessary funds should be forthcoming.

Details of these plans were supplied at their request to Dr. Rose and Dr. Pearce by the Dean of the Medical School (Dr. Blacker) and the Director of the Medical Unit (Dr. Elliott).

Dr. Rose and Dr. Pearce then visited the College and interviewed the Jodrell Professor of Physiology (Dr. E. H. Starling).

They expressed great interest in the new buildings erected for Physiology and Pharmacology and asked to see the Department of Anatomy.

This Professor Starling had some hesitation in showing, but after seeing it they asked whether any scheme was in existence for the better housing and equipment of Anatomy. Professor Starling told them of the plan for housing Anatomy in a building to be placed on the Gower Street front* and to be so planned as to form a continuous structure with the Physiology building already erected. At their request he worked out a scheme of development with an estimate of cost.

Professor Elliot Smith supplemented these with a "Memorandum on proposed reform in the teaching of Anatomy and the provision of proper facilities for research."

The Report that resulted from the visit of Dr. Rose and Dr. Pearce was received by the Rockefeller Foundation Board of Trustees at the end of February. The Board of Trustees were greatly interested in the matter, and directed their executive Committee to consider in detail the University College Hospital Medical School projects and the plans for the improvement of Anatomy (which incidentally involved an extension of Physiology) at the College.

The scheme as a whole is summarised by the Rockefeller Executive Committee as follows :—

(1) *An Institute of Anatomy.*
(2) *Increase of clinical facilities.*
(3) *Clinical Laboratories planned.*
(4) *Increased maintenance costs.*
(5) *Closely unified administration.*

Our visit to New York was made in the company of Dr. Blacker and Dr. Elliott, who were also guests of the Rockefeller Foundation as representatives of the Medical School. We were most graciously received and most hospitably entertained. Owing to the unusual length of our voyage, we were too late to confer with the whole

* Sanctioned by the Senate in 1914.

Board of Trustees as originally intended, but we had the honour and pleasure of meeting the members of the Executive Committee both informally and in conference. They expressed the view that to help the schemes of development indicated above would be in full accord with the high purpose of their Founder, and they would deem it a privilege to aid them so as to strengthen the good work already done.

They disclaimed any idea of desiring to dictate methods or lay down conditions. On educational grounds they expressed the view, with which we all concurred, that the Directors of the Units and the Professors of Anatomy, Physiology, and Pharmacology should be in close touch and should co-operate towards the single aim of promoting medical education and research. The new methods involved in the establishment of the clinical Units, and those that will follow on the provision of better facilities for Anatomy will make co-operation more essential than before. There are already precedents for joint counsel between the Medical School and the College in that the Professor of Hygiene is a member of the Medical School Committee and of the College Faculty of Medical Sciences, while the arrangements for the teaching of Surgical Anatomy and of Hygiene are reviewed from time to time by a Joint Committee.

They further pointed out that their desire was to help to carry out the schemes of development, and they therefore assumed that any funds they might offer would not be used to relieve existing expenditure, but to supplement it for the greater good of Medical Education and Research.

On these two matters we submitted certain proposals, which were satisfactory to the members of the Rockefeller Foundation: to these we shall refer in detail later on. At their request, and as a result of conference and further knowledge, we submitted a statement of the estimated cost of the scheme as far as the College was concerned; the representatives of the Medical School doing likewise on behalf of the School.

Besides entertaining us in New York, the Trustees arranged visits to several cities and towns where medical education has undergone recent developments. Professor Elliot Smith and Dr. Elliott stayed a week longer than the Provost and the Dean of the Medical School, and were enabled to see the new Medical School Buildings erected by the aid of the Rockefeller Home Education Board at St. Louis.

During that week the Executive Committee formulated their Report and their recommendations to the Board of Trustees. Copies of these with covering letters dated 14th May, 1920, from the President of the Foundation (Dr. George Vincent) to the Provost and the Dean of the Medical School were received on Thursday, 27th May. A cable (29th May, 1920) stating that the recommendations have been passed by the Board of Trustees of the Rockefeller Foundation was received on Monday, 30th May. We are therefore able to state that the Rockefeller Foundation offer, subject to the execution of formal documents (which they ask the Medical School and the College to formulate) to give:—

A. To University College Hospital Medical School the sum of £400,000 "toward a building and equipment program, substantially as submitted by the authorities of the School, and the further sum of

£435,000 will be given toward the support of clinical facilities and teaching in substantial conformity at the outset with the proposed plan." (See Schedule I. attached)	£835,000
B. To "the University of London in behalf of the University College the sum of £190,000 toward a building and equipment program, substantially as submitted by the authorities of the College, and the further sum of £180,000 toward the endowment of laboratory teaching in substantial conformity at the outset with the proposed plan." (See Schedule II. attached)	370,000
	£1,205,000

Having discussed the matter so fully with the Rockefeller Trustees, we are prepared in due course to submit a draft Trust Deed for consideration. We shall be glad of the assistance of a legal member of the College Committee. This should be prepared in consultation with the authorities of the Medical School.

In preparing the Trust Deed it should be borne in mind that while the Rockefeller Foundation fully understand that the College is incorporated in the University and that the Medical School is a "School" of the University the scheme in their minds is *one* for the benefit of Medical Education and Research as a whole.

With reference to the matter of co-operation, the understanding at which we arrived was that the Directors of Units at the Medical School should be given opportunities for consultation and co-operation with the Professors of Anatomy, Physiology, and Pharmacology at the College by membership of the College Faculty of Medical Sciences, while the Medical School representatives agreed that the three Professors should become members of the Medical School Committee. This will ensure co-operation in academic matters and will not interfere with the financial and corporate independence of the Medical School.

As to finance, we recommend that the Trust Deed should contain an undertaking that the contributions from general College Funds shall not be less than the total of the sum normally expended on those departments.

We hope that we have conveyed in some measure the spirit of the offer that has been made spontaneously and munificently through us: we venture in conclusion to quote the concluding paragraphs of Dr. Vincent's letter to the Provost as a further indication of that spirit:

"It is a source of great satisfaction to us to have this problem work out as it has. We look forward with great pleasure to the development of your work, which we are sure will prove of significance aud value not only to the British Isles, but to the Empire as well.

"It is our understanding that the first announcement of the gift from the Foundation will be made by you in London in connection with the making public of your plans for the development of your medical centre."

GREGORY FOSTER.
ELLIOT SMITH.

1st June, 1920.

SCHEDULE I.

LONDON UNIVERSITY COLLEGE HOSPITAL MEDICAL SCHOOL.

Proposed Contributions to Buildings, Equipment, and Annual Maintenance.

	Capital.	Maintenance.
	£	£
New Nurses' Home 200 × 50—4 stories ..	103,000	
New Residents' Quarters 40 × 75—4 stories	31,000	
New Obstetrical Unit 125 × 80—4 stories..	109,500	
Bio-Chemical Laboratory site and building 100 × 50—4 stories	50,750	
Reconstruction of Hospital wing (new floor) theatre, galleries, and basement	106,000	
Maintenance		15,600
Increases of Staff—		
Medical and Surgical		2,000
Obstetrical		1,000
Bacteriological		1,500
Bio-Chemical.....		1,600
	£400,250	£21,700

SCHEDULE II.

LONDON UNIVERSITY COLLEGE.

Proposed Contributions to Buildings, Equipment, and Annual Maintenance.

	Capital.	Maintenance.
	£	£
Anatomy—		
Site	13,800	
Buildings and incidental expenses	146,000	
Scientific and Library Equipment	30,000	
Anatomy Staff additional.....		5,000
Physiology Staff additional		2,500
Other Department Increases		1,500
	£189,800	£9,000

APPENDIX VI.

List of Original Papers and other Publications from the various Departments of the College since the Provost's Report in the Calendar, 1919–1920.

Department of Latin. (Professor H. E. Butler.)

Professor H. E. Butler.

(1) On Virgil, Æn. 6. 859. (*Classical Review*, vol. xxxiv. p. 61.)

Department of Greek. (Professor J. Arthur Platt.)

Professor J. A. Platt.

(1) Apollonius III. (*Journal of Philology.*)
(2) Æschylea. (*Ibid.*)
(3) Some Aorist Participles in Homer. (*Ibid.*)
(4) Notes on Plato's *Phædo.* (*Ibid.*)
(5) On *Rhesus* 720. (*Classical Quarterly.*)

Department of English. (Professor W. P. Ker.)

Professor W. P. Ker.

(1) Sir Walter Scott. A lecture at the Sorbonne, May 22, 1919, in the Series of *Conférences Louis Liard.* (Glasgow: Maclehose, Jackson & Co., 1919.)
(2) The Spanish Story of the Armada. (*Scottish Historical Review*, April 1920.)
(3) The Art of Poetry. Inaugural lecture before the University of Oxford. (Clarendon Press.)

Dr. R. W. Chambers and Dr. Walter W. Seton.

(4) Bellenden's Translation of the History of Hector Boece. (*Scottish Historical Review*, October 1919.)

Dr. Ernest A. Baker.

(5) Textual Studies in English Style. (Series in English, 1919–20.)

(6) English in War Time, and other articles. (*Athenæum.*)

Miss Elsie V. Hitchcock.

(7) Edition of Reginald Pecock's *Donet*, and collation with the *Poore Mennis Myrrour* for the Early English Text Society. (*At press.*)

Department of Hebrew. (Professor H. Gollancz.)

Professor H. Gollancz.

(1) Dodi Ve-nechdi (Uncle and Nephew) by Berachya Hanakdan. Hebrew and English, with Introduction, and the first English translation from the Latin of Adelard of Bath's *Quæstiones Naturales.*

North Semitic Epigraphy. (Dr. H. Hirschfeld.)

Dr. H. Hirschfeld.

(1) The Dot in Semitic Palæography. (*Jewish Quarterly Review*, January, 1919.)

(2) Scribblings on Fly-leaves (first instalment). (*The Jewish Forum*, February, 1919.)

(3) Ethiopic—Falāsi Glossary (second instalment). (*Journal of the Royal Asiatic Society*, July, 1919.)

(4) The Author of the *Yigdal Hymn.* (*Jewish Quarterly Review*, July, 1919.)

(5) Reviews in *Journal of the Royal Asiatic Society* and *Jewish Guardian.*

Department of French. (Professor L. M. Brandin.)

Professor L. M. Brandin.

(1) *Chanson d'Aspremont.* Vol. ii. (vv. 6155–11,376). (*Librairie Champion*, 1920.) (*In the Press.*)

(2) *Un peu de vin français,* text in conventional spelling accompanied by a phonetic transcription. (In collaboration with G. Noël-Armfield.) (Heffer: Cambridge, 1920.) (*In the Press.*)

Professor G. Rudler.

(3) Un chapitre de la tragicomédie académique : les candidatures de B. Constant. (*Bibliothèque Universelle*, Avril–Mai 1920.)

(4) La politique dans les Martyrs de Chateaubriand. (*Le Français*, Avril–Juin 1920.)

(5) L'Angleterre et Jeanne d'Arc, de Michelet à Anatole France. (*The French Quarterly*, June–Oct. 1920.)

Department of German. (Professor R. Priebsch.)

Professor R. Priebsch.

(1) *Bruder Rausch.* Facsimile-Ausgabe des ältesten niederdeutschen Druckes, eingeleitet u. mit einer Bibliographie versehen [Zwickauer Facsimiledrucke, no. 28.] Zwickau, 1919 [1914].

Professor J. G. Robertson.

(2) Articles on German Literature. (Harmsworth's *Encyclopædia*, 1920.)

(3) Articles on "German Education" and "The University of Berlin." (*The Teacher's Encyclopædia*, 1920.)

(4) "Henrik Pontoppidan." (*Contemporary Review*, March 1920.)

(5) "The New Horizon in European Literature." (*Discovery*, March, 1920.)

(6) Modern Language Bibliography. (*Modern Language Review*, 1920.)

(7) Reviews in *Modern Language Review*, *The Nation*, etc.

Professor W. E. Collinson.

(8) Notes on German Naval Slang during the War. (*Modern Language Review*, vol. xv. 1920, p. 94.)

(9) Review of L. A. Willoughby. *Von dem jungesten tage.* (*Ibid.* vol. xv. 1920, p. 204.)

Mr. J. Wilks.

(10) *Bestrafte Untreue*, ein mhd. allegorisches Gedicht nach drei Hss. herausgegeben mit Einleitung und Anmerkungen. (*M.A. Dissertation*, recommended for printing.)

Department of Italian. (Professor Antonio Cippico.

Professor Cippico.

(1) La nostra Preghiera. (Zara: Enrico de Schönfeld, 1919.)

(2) "Leonardo da Vinci." (*Nineteenth Century and after*, December 1919.)

(3) "The Night of the Three Kings." (Translated by Clifford Bax.) (Copyright Edition for U.S.A., 1920.)

Dr. Edmund G. Gardner.

(4) The National Idea in Italian Literature. (*In the Press.*)

Department of Phonetics. (Mr. Daniel Jones.)

Dr. Wilfrid Perrett.

(1) Some Questions of Phonetic Theory.

T. Lerario.

(2) Phonetics English Readings.

Gretano Messinese.

(3) Elementi di Pronunzia Inglese ed Esercizi di Lettura con applicazione dei segni Fonetici.

Sanki Ichikawa.

(4) The International Phonetic Alphabet.

C. F. Mackenzie and P. W. Drew.

(5) A Phonetic Reader for use in Junior Classes.

M. L. Annakin.

(6) Exercises in English Pronunciation.

Department of Egyptology.

(Professor W. M. Flinders Petrie.)

Professor W. M. Flinders Petrie.

(1) Some Sources of Human History. (S.P.C.K.) (Public Lectures delivered at the College, 1918.)

(2) *Ancient Egypt.* Journal re-started January, 1920.

Department of Assyriology. (Dr. Theophilus G. Pinches.)

Dr. T. G. Pinches.

(1) The Legend of the Divine Lovers, Enlil and Ninlil. (*Journal of the Royal Asiatic Society*, April 1919, pp. 185–205, and Oct. 1919, pp. 575–580.)

(2) Man-ištisu in the Temple of Šara. (*Ibid.*, Jan. 1920, pp. 21–24.)

(3) Babylonian Ritual and Sacrificial Offerings. (*Ibid.*, Jan. 1920, pp. 25–29.)

(4) A few book-notices in the same publication.

Department of Archæology. (Professor E. A. Gardner.)

Professor E. A. Gardner.

(1) Macedonian Antiquities, in *Annual of the British School at Athens.*

(2) Articles on War, War-gods, Water, Water-gods, Wings (all Greek and Roman), in *Hastings' Dictionary of Religion.*

(3) Editing and part authorship of Hand-books issued by the Historical Section of the Foreign Office: *Eastern Question and Balkan Countries* (now in course of publication).

Department of History. (Professors F. C. Montague, A. F. Pollard and P. J. Mantoux, Mr M. Cary and Mr. Norman H. Baynes.)

Professor F. C. Montague.

(1) Two reviews in the *The English Historical Review.* (Oct. 1919; Jan. 1920.)

Professor A. F. Pollard.
Editor of *History.*

(2) A Short History of the Great War. (Methuen, 1918.)

(3) The Section on Tudor History in the Historical Association's *Annual Bulletin*, 1919.

(4) Historical Criticism. (*History*, April 1920.)

(5) Two leading articles and several reviews in *The Times Literary Supplement.*

(6) Three reviews in the *The English Historical Review* (Oct. 1919; Jan. 1920).

(7) The quarterly Notes and News and nine reviews in *History.*

Professor P. J. Mantoux.

(8) The War and the Industrial Revolution. (*History*, April 1920.)

Mr. M. Cary.

(9) Note on Livy, 21. 48. 8. (*Classical Review*, 1919.)

(10) Note on Herodotus, 3. 104. (*Ibid.*)

(11) Note on Cicero, *Ad Atticum*, 8. 11. 3. (*Ibid.*)

(12) Reviews in the *Journal of Hellenic Studies.*

Miss E. Jeffries Davis.
Secretary to the Editorial Board of *History.*

(13) A School of Foreign Affairs. (*The New Europe*, Feb. 5, 1920.)

(14) One review in the *English Historical Review* (Oct. 1919.)

(15) University Research, 1911–1918. (*History*, Oct. 1919.)

(16) The bibliography (July & Oct. 1919) and four reviews in *History* (Oct. 1919, April 1920).

Mr. E. R. Adair.

(17) Three reviews in *History* (July 1919, April 1920).

Miss I. D. Thornley.

(18) England under the Yorkists. (Longmans, 1920.)

(19) The Sanctuary Register of Beverley. (*English Historical Review*, July 1919).

Mr. J. E. Neale.

(20) Queen Elizabeth's quashing of Bills in 1597–8. (*Ibid.*, Oct. 1919.)

(21) Proceedings in Parliament relative to the sentence on Mary Queen of Scots. (*Ibid.*, Jan. 1920.)

Mrs. A. F. Pollard.

(22) The bibliography in *History* (Jan. & April 1920).

Dr. Rachel R. Reid.

(23) Barony and Thanage. (*English Historical Review*, April 1920.)

Dr. Walter W. Seton.

(24) The Relations of Henry Cardinal York with the British Government. (*Roy. Hist. Soc. Trans.* 1919.)

(25) A German Metrical Version of the Legend of S. Clare. (*Arch. Franc. Histor.* 1918.)

(26) The Italian Version of the Legend of Saint Clare by the Florentine Ugolino Verini. (*Ibid.*, 1919.)

(27) William Howard Lister. (*Medici Society*, 1919.)

(28) One review in *The Athenæum* (Feb. 1920).

Edna F. White.

(29) The Privy Council and Private Suitors in 1603. (*English Historical Review*, Oct. 1919.)

J. A. White.

(30) One review in *History* (April 1920).

W. T. Williams.

(31) Henry of Richmond's Itinerary to Bosworth. (*Y Cymmroder*, 1919.)

Department of Political Economy. (Professor H. S. Foxwell.)

Professor Foxwell.

(1) Archdeacon Cunningham. (*The Economic Journal*, Sept. 1919.)

(2) The Paper Pound of 1797–1821. (*Journ. Roy. Statistical Soc.* March 1920.)

Department of Philosophy and Psychology. (Professors G. Dawes Hicks, C. Spearman, and Dr. Wolf.

Professor G. Dawes Hicks.

(1) Is the 'Concrete Universal' the true type of Universality? (*Proceedings of the Aristotelian Society*, n.s., vol. xx. 1920.)

(2) The Ultimate Data of Physics. (*Nature*, June 10th, 1920.)

(3) Articles on Epistemology, Sophists, and Socrates and the Socratic Method. (*Encyclopædia of Education*, Pitman.)

(4) Survey of Recent Philosophical Literature. (*Hibbert Journal*, Oct. 1919 and April 1920.)

Mr. Morris Ginsberg.

(5) Is there a General Will? (*Proceedings of the Aristotelian Society*, n.s., vol. xx. 1920.)

(6) Urquhart's 'Pantheism and the Value of Life.' (Review, *Hibbert Journal*, April 1920.)

Professor C. Spearman.

(7) Manifold Sub-Theories of the "Two Factors." (*Psychological Review*, 1920.)

Dr. Aveling.

(8) Observations on Suggestibility in Schoolchildren. (*Commun. British Psychological Society*, November 1919.)

Mr. S. Philpott.

(9) Some Evidence with regard to a periodicity in Mental Output. (*Commun. Physiological Society*, 1920.)

Department of Architecture. (Professor A. E. Richardson.)

Professor A. E. Richardson.

(1) Future of Architecture. A Public Lecture in Dublin. (Published in *The Irish Times.*)

(2) A Short History of Southampton. (*Town Planning Review.*)

(3) The Architecture of Exeter. (*Architectural Review.*)

(4) The Architecture of Spalding. (*Ibid.*)

Mr. Arthur Stratton.

(5) The English Interior. (Batsford.)

(6) A Plea for a Classic Tradition. (*Architects' Journal.*)

(7) Threat to the City Churches. (*Country Life.*)

(8) Elements of Design. (Batsford.)

Mr. Chalton Bradshaw.

(9) Drawings of Palestrina (Reconstructions).

School of Librarianship. (Dr. Ernest A. Baker.)

Dr. Ernest A. Baker.

(1) Cassell's New English Dictionary. (Cassell, 1919.)

(2) Textual Studies in English Style. (Series in English, 1919–20.)

(3) The Public Library Charter, and other articles and reviews. (*Athenæum*, 1919–20.)

Mr. W. C. Berwick Sayers.

(4) Revised edition of J. D. Brown's Manual of Library Economy. (Grafton, 1920.)

(5) The New Prospect: a plea for a policy. (*Library Association Review*, January 1920.)

Mr. Hilary Jenkinson.

(6) A Case for Records. (*London Mercury.*)

(7) A History of 133 Siege Battery.

Department of Pure Mathematics. (Professor M. J. M. Hill.)

Miss Dorothy M. Wrinch. (In conjunction with Dr. H. Jefferys.)

(1) On some Aspects of the Theory of Probability. (*Philosophical Magazine*, Dec. 1919.)

Department of Applied Mathematics and Mechanics. (Professor L. N. G. Filon.)

Professor L. N. G. Filon.

(1) Stresses in Aeroplane Frameworks. (*British Association Report*, 1919.)

Professor FILON and Commander T. Y. BAKER, R.N.

(2) *The Spherical Aberrations of a Thin Lens. (*Trans. of Optical Society*, Dec. 1918.)

(3) *On an Empirical Formula for the Longitudinal Spherical Aberrations in a Thick Lens. (*Ibid.*)

(4) On a Theory of the Second Order Longitudinal Spherical Aberration for a Symmetrical Optical System. (*Proc. Roy. Soc.* A. vol. xcvii.; and in print for *Phil. Trans.*)

(5) Position-fixing in Aircraft during Long-distance Flights over the Sea. (*Trans. of the Royal Aeronautical Society*, No. 2.)

Dr. G. B. JEFFERY.

(6) *Relations between Spherical, Spheroidal, and Cylindrical Harmonics. (*Proc. Lond. Math. Soc.* 1917.)

(7) Strain and Stress in Bipolar Co-ordinates. (Doctoral Thesis, 1920.)

Mr. H. T. DAVIDGE.

(8) The World of Sound. (Articles in *Junior Mechanics*, February & March 1920.)

(9) "A Master of Experiment"—an Account of the Acoustic and Optical Researches of the late Lord Rayleigh. (*The Model Engineer*, May & June 1920.)

(10) The National Physical Laboratory. (*The Model Engineer*, July 1920 [out shortly].)

Department of Physics.

(Professor Sir William H. Bragg, K.B.E.)

Dr. ALFRED W. PORTER.

(1) The Variation of Electrical Conductivity of Electrolytes with Increase in Concentration. (*Trans. Farad. Soc.* vol. xv. pt. i. 1919.)

(2) Notes on the Resolving Power of Microscopes. (*Ibid.*, vol. xvi. 1920.)

(3) On the Equation for the Chemical Equilibrium of Homogeneous Mixtures. (*Ibid.*, vol. xvi. 1920.)

(4) On the Vapour-Pressures of Mixtures. (*Ibid.*, vol. xv. 1920.)

(5) The Method of Dimensions. (*The School Journal*, June 1920.)

Dr. P. PHILLIPS.

(6) The Relation between the Refractivity and Density of Carbon Dioxide. (*Proc. Roy. Soc. A.* vol. xcvii.)

* Not reported in previous Sessions.

Department of Chemistry. (Professors J. Norman Collie and F. G. Donnan.)

Professor J. N. Collie.

(1) On the Spectrum of Krypton and Xenon. (*Proc. Roy. Soc.* 1920.)

Mr. W. J. Cook and Dr. O. Brady.

(2) Nitration of m. acet. toluidide. (*Trans. Chem. Soc.* 1920.)

Professor F. G. Donnan.

(3) *The Training of Technical Chemists. (*The Chemical Trade Journal and Chemical Engineer*, 1915.)

(4) *The Training of Chemical Students for Work in the Factory. (*Trans. Faraday Society*, 1917.)

(5) *The Engineer and the Chemist. (*Engineering Supplement of The Times*, July 28, 1916.)

(6) *A Ministry of Science. (*The Electrician*, July 7, 1916.)

(7) *Chemical Science and Civilization. (*Nature*, p. 370, 1916.)

(8) *Inauguration du Monument de Marcelin Berthelot. Discours au nom des Souscripteurs anglais. (*Revue Scientifique*, p. 688, 1917.)

(9) *Scientific Preparation for the Future. (*The School World*, p. 161, 1916.)

(10) *La Science physico-chemique, décrit-elle d'une façon adéquate les Phénomènes biologiques? (*Scientia*, vol. xxiv. 1918.)

(11) *Optical Pyrometry in Non-Ferrous Metallurgy. (*Trans. Faraday Society*, vol. xiii. 1918.)

(12) *The Agglomeration of Granular Masses. (*Trans. Faraday Society*, vol. xiv. 1918.)

(13) Heat of Reaction and Gravitational Field. (*Nature*, p. 392, 1919.)

Professor F. G. Donnan and Mr. W. E. Garner.

(14) Equilibria across a Copper Ferrocyanide and an Amyl Alcohol Membrane. (*Trans. Chem. Soc.* vol. cxv. 1919.)

Professor F. G. Donnan and Dr. Irvine Masson.

(15) The Theory of Gas-Scrubbing Towers. (*Soc. Chem. Industry*, 1920.)

Dr. Irvine Masson.

(16) The Viscosity of Nitrocellulose in Acetone-Water Mixtures. (*Trans. Chem. Soc.* 1920.)

* Not previously reported.

Mr. W. E. Garner and S. S. Bhatnagar.

(17) The Effects of certain Organic Fatty Acids on the Surface Tension between Mercury and Paraffin Oil. (*Journ. Soc. Chem. Industry*, 1920.)

J. N. Mukherji.

(18) Coagulation of Metal Sulphide Hydrosols.—Part II. (*Trans. Chem. Soc.* vol. cxvii. 1920.)

S. S. Bhatnagar.

(19) Studies in Emulsions.—Part I. A new Method of Determining the Inversion of Phases. (*Trans. Chem. Soc.* May 1920.)

Dr. J. C. Ghosh.

(20) The Electrical Conductivity of Pure Salts in the Solid and Fused States. (*Trans. Chem. Soc.* 1920.)

Dr. F. Schwers.

(21) Vapour-Pressure of Arsenious Oxide in Sulphuric-Acid Solutions. (*Journ. Soc. Chem. Industry*, vol. xxxix. 1920.)

Department of Botany. (Professor F. W. Oliver.)

Professor F. W. Oliver.

(1) Spartina Problems. (*Annals of Applied Biology*, vol. vii.)

Dr. Marie C. Stopes.

(2) New Bennettitean Cones from the British Cretaceous. (*Trans. Roy. Soc. Lond.*, ser. B. vol. ccviii. pp. 389–440, pls. xix.–xxiv. 25 text-figs.)

(3) *Bennettites Scottii*, sp. nov., a European Petrifaction with Foliage. (*Journ. Linn. Soc., Bot.* vol. xliv. pp. 483–495.)

In conjunction with Dr. R. V. Wheeler.

(4) Report on the Spontaneous Combustion of Coal in relation to its Composition and Structure. (*In the Press.*)

William Rowan, E. Wolff, and the late P. L. Sulman. (In conjunction with Professor Karl Pearson and others.)

(5) On the Nest and Eggs of the Common Tern. (*Biometrika*, vol. xii. 1919.)

Lady Isabel Browne.

(6) Phyletic Considerations on the Internodal Vascular Strands of *Equisetum*. (*New Phytologist*, 1920.)

(7) A Third Contribution to our Knowledge of the Anatomy of the Cone and Fertile Stem of *Equisetums*. (*Annals of Botany*, 1920.)

Mr. T. G. Hill.

(8) The Water Economy of Maritime Plants. (*Science Progress*, July 1919.)

Dr. E. J. Salisbury.

(9) Variation in *Anemone appenina* and *Clematis vitalba*, with special reference to trimery and abortion. (*Annals of Botany*, vol. xxxiv. p. 107, 1920.)

Department of Zoology. (Professor J. P. Hill,)

Professor J. P. Hill.

(1) The Affinities of *Tarsius* from the Embryological Aspect. (*P. Z. S.* 1920.)

Dr. J. Bronté Gatenby.

(2) The Identification of Intra-cellular Bodies. (*Journ. Roy. Micros. Soc.* 1920.)

(3) The Cytoplasmic Inclusions of the Germ-cells, Part VI. On the original and probable constitution of the germ-cell determinant of *Apanteles glomeratus* &c. (*Quart. Journ. Micros. Soc.* vol. lxiv. 1920.)

(4) The Cytoplasmic Inclusions of the Germ-cells, Part VII. The modern Technique of Cytology. (*Quart. Journ. Micros. Soc.* vol. lxiv. 1920.)

Mr. J. Thornton Carter.

(5) The Microscopical Structure of the Enamel of two Sparassodonts, *Cladosictis* and *Pharsophorus*, as evidence of their marsupial character, together with a note on the value of the pattern of the enamel as a test of affinities. (*Journ. of Anat.* vol. liv. 1920.)

(6) The occurrence of Denticles on the snout of *Xiphias gladius*. (*P. Z. S.* 1919.)

Dr. E. A. Fraser.

(7) The development of the Urogenital System in the Marsupialia, with special reference to *Trichosurus vulpecula*, Part II. (*Journ. of Anat.* vol. liii. 1919.)

N. Tayler.

(8) A Unique Case of Asymmetrical Duplicity (*Duplicitas asymmetros*) in the Chick. (*P. Z. S.* 1919.)

Mr. D. M. S. Watson.

(9) Notes on Mr. Kesteven's paper on the Pterygoids in Amphibia and Reptiles and the Parasphenoid. (*Journ. of Anat.* vol. liii. 1919.)

Miss Gladys E. Webb.

(10) The development of the species of *Upogebia*. (*J. M. B. A.* vol. xii. 1919.)

Department of Anatomy. (Professor Elliot Smith.)

Professor Elliot Smith.

(1) The Morphology of the Corpus Striatum and the Origin of the Neopallium. (*Journal of Anatomy*, 1919.)

(2) The Zoological Rank and Affinities of *Tarsius*. (*Proceedings of the Zoological Society*, 1920.)

(3) Man, Past and Present. (*Nature*, 1920.)

(4) "The Evolution of Man and the History of Civilisation." Three Lectures delivered before Royal Institution. (Summarised in *The Lancet*.)

Mr. R. A. Dart.

(1) The Brain in the Zeuglodontidæ. (*Ready for Press.*)

(2) The Sensory Roots of the Hypoglossal Nerve. (*Ready for Press.*)

(3) The Origin of the Hypopallium. (A Contribution to the Morphology of the Corpus Striatum.) (*Ready for Press.*)

Department of Physiology. (Professors E. H. Starling and W. M. Bayliss.)

Professor E. H. Starling.

(1) "The Feeding of Nations." Oliver-Sharpey Lectures. (Longmans, 1919.)

(2) Food Conditions in Germany. Report. (H.M. Stationery Office.)

(3) Principles of Human Physiology. 3rd Edition. (Churchill.)

Professor W. M. Bayliss.

(4) Introduction to General Physiology. (Longmans, 1919.)

(5) The Nature of Enzyme Action. 4th Edition. (Longmans, 1919.)

(6) The Neutrality of Blood. (*Journal of Physiology*, vol. liii.)

(7) Reports on Wound Shock and Hæmorrhage. (Medical Research Committee, 1919.)

(8) Colloid Chemistry in Physiology. (*British Association Reports.*)

(9) The Action of Gum Acacia on the Circulation. (*Journal of Pharmacology,* 1920.)

(10) Reversible Gelation in Living Protoplasm. (*Proc. Roy. Soc.* 1920.)

Department of Pharmacology. (Professor A. J. Clark.)

Professor A. J. Clark.

(1) The Action of Potassium and Uranium on the Frog's Heart. (*Proceedings of the Physiological Society,* June 19, 1920.)

Department of Public Health. (Professor H. R. Kenwood.)

Professor H. R. Kenwood.

(1) Eighth Edition of Ham's Handbook of Sanitary Law. (H. K. Lewis & Co., Ltd., London.)

(2) Articles on "Public Health" and "Disinfection" for Standard Encyclopædia.

(3) Seventh Edition of "Public Health Laboratory Work." (H. K. Lewis & Co., Ltd., London.)

(4) "The Control of the Sale of Disinfectants." (*Transactions of Congress of Public Health at Brussels,* May 1920.)

(5) The Disinfection of Anthrax-infected Wool. (*In preparation.*)

Department of Civil and Mechanical Engineering. (Professor E. G. Coker.)

Mr. A. H. Barker.

(1) The Relation of Physiology to Ventilation. (*Proceedings of the Institution of Heating and Ventilating Engineers.*)

(2) Domestic Fuel Consumption. (Constable & Co.)

Mr. M. Kinoshita.

(3) Theory of Non-conducting Domestic composition as applied to Engineering hot pipes.

Department of Electrical Engineering. (Professor J. A. Fleming.)

Professor J. A. Fleming.

(1) The Thermionic Valve and its Developments in Wireless Telegraphy. Published September 1919 (The Wireless Press, Ltd.)

(2) The Propagation of Electric Currents in Telephone and Telegraph Conductors. 3rd Edition, enlarged. (Constable & Co.)

(3) A Friday evening Discourse at the Royal Institution of Great Britain on the Thermionic Valve in Radiotelegraphy and Telephony.

(4) The History of the Leyden Jar. *Conquest* for June 1920.

Department of Municipal Engineering. (Professor E. R. Matthews.)

Professor E. R. Matthews.

(1) Reinforced-Concrete Tall Chimney Construction. (Institution of Municipal and County Engineers.)

(2) Flood Prevention Works at Troon, Ayrshire. (Paper read before Society of Engineers.)

(3) Reinforced-Concrete Sea Walls on Treacherous Foundation (*Concrete and Constructional Engineering.*)

(4) Reinforced-Concrete Pillars. (*Concrete and Constructional Engineering.*)

(5) Reinforced-Concrete Bridges. (*Concrete and Constructional Engineering.*)

(6) The Planning of an Industrial Area. (*The Builder.*)

(7) Reinforced-Concrete Cantilevers. (*The Builder.*)

(8) Article on the Report of the Institution of Civil Engineers on "Deterioration of Structures in Sea-water." (*Concrete and Constructional Engineering.*)

Mr. M. T. M. Ormsby.

(9) Middleton and Chadwick's Surveying. Vol. I. New Edition, revised and enlarged. (Spon.)

APPENDIX VII.

UNIVERSITY OF LONDON

SCHOOL OF LIBRARIANSHIP.

DIRECTOR'S REPORT

SESSION 1919–20.

The School opened on October 6th, 1919, a week later than the advertised date on account of the Railway Strike, and lectures began on Wednesday, the 8th.

The number of Students who enrolled themselves for the first Session is shown in the following table :—

Full-time Students.	*Part-time Students.* Subjects.			*Total.*
	One.	Two.	Three.	
38	20	35	6	99

The full-time Students came from all parts of the British Isles; the larger number of the part-time Students from libraries in the London area. Of the full-time Students, fourteen were ex-service men enjoying Government Grants, and formerly, with one exception, Library assistants; the rest were chiefly persons proposing to enter the Library profession, some ten of them taking Librarianship as a postgraduate Course.

All the Students worked till the end of the Session, except five who left earlier through obtaining library or other appointments outside the London area, and one or two who found the Course too exacting.

The Students enrolled in the different classes were as follows :—

Bibliography	43
Cataloguing	67
Classification	28
Library Organisation (including Public Library Law by Mr. Fovargue)	16
Library Routine	38
Literary History and Book Selection *	89
Palæography and Archives	21

* This subject is taken by most Students as a two years' Course, hence most of the Students attend it.

Students in the Routine Class attended the demonstrations in Bookbinding given by Mr. Gillman of the British Museum, and made a series of visits to the British Museum and the other State Libraries, the leading municipal, and several society and specialist libraries. On these visits, not only were the libraries shown, but the methods of organisation and working also were explained by the Lecturer or by the Librarian of the Institution. Several of the other classes similarly had the benefit of visits under expert guidance to libraries and printing and publishing works. The Students attended the eight Public Lectures, which also attracted very satisfactory public audiences.

The gentlemen forming the Staff of Lecturers carried out their work with zeal and efficiency. A number of classes, seminars, demonstrations, and visits were arranged in addition to those announced, at the request of Students or through the exigencies of the Courses. No fewer than five lectures a week and two seminars were provided in Literary History and Book Selection (Professor Ker and Dr. Chambers admitting Librarianship Students to two of their lectures for English Honours Students) ; but a further weekly lecture on Book Selection was demanded by the Students towards the end of the Session. The Lecturers undertook this extra work with great willingness. They report most favourably on the work of their Day Classes (less favourably on the Evening Classes, the attendance at which was small), at the same time admitting that in the first Session it was unavoidably of a more or less experimental nature, and that the knowledge acquired by the Students in such subjects as Palæography, Public Library Law, and Literary History, needs continued application if it is to be really sound and permanent. The study of each subject was made as practical as might be, and as far as possible the practical work was directed to useful purposes, certain members of the Class in Cataloguing and Indexing, for instance, being utilised as assistants on the "Subject Index to Periodicals," and other Students in compiling lists of books for purchase by society libraries. The reports received from the several Lecturers provided useful guidance in drafting the extended syllabus of classes for the new Session.

The absence of a Library of Technical Literature was felt as a severe handicap during the greater part of the Session. The collection belonging to the Library Association began to be transferred from the London School of Economics during the Easter Vacation, but it was discovered soon after that a large part had been left behind. The remainder of the books and pamphlets were gradually received in the Summer Vacation ; two Students were employed to complete the reorganising, stock-taking, and cataloguing, and in October the Cataloguing Class prepared a shelf-register, leaving the Library ready for full use by the Students. A sum of £50 has been spent in filling gaps and supplying necessary duplicates, but it will be advisable to spend a larger sum in the new Session.

Most of the Students took the Class Examinations at the end of the Session, and 29 were Candidates in the first part of the Diploma Examination, the second part to be taken at the end of their Course.

The following is a summary of the results :—

	Entered.	*Passed.*	*Failed.*
Bibliography	14	13	1
Library Routine	14	12	2
English Composition	9	8	1
Library Organisation	7	6	1
Palæography	4	3	1
Cataloguing and Indexing	21	17	4
Classification	10	8	2
Literary History and Book Selection	11	9	2
French	1	1	—
German	1	1	—

The Sir John MacAlister Bursary was awarded to

HESTER RAVEN-HART,

and the Director's Prize in Book Selecton to

FRANCIS WILLIAM THOMPSON, B.A.

A special report on the Summer Vacation School is appended.

Many requests have been received from Public Libraries and other institutions for recommendations of Students to vacant posts. In a number of cases the salary offered has been lower than I have considered adequate, and I have declined to suggest any Candidate, but have expressed the hope that the terms of such appointments would be reconsidered. In most cases no Student was willing to break off his two years' training, but some accepted appointments, including Mr. C. B. Oldham, who has been placed on the Staff of the British Museum. A register of appointments for which the School is asked to suggest Candidates and of Students desirous of securing early employment will be kept, now that more Students are nearing the end of their period of training.

(Sd.) ERNEST A. BAKER
Director, School of Librarianship.

[*For Statement of Account, see end of Appendix.*]

Report on Summer Vacation School for Librarians of Rural Systems.

Arranged under the Auspices of the
UNIVERSITY OF LONDON.

SCHOOL OF LIBRARIANSHIP.

The Summer School was held at the University of Bristol in the fortnight August 30th to September 11th, the earlier date contemplated by the Librarianship Committee proving impossible owing to the fact that the University Hostel was closed during the previous month. There were 31 entries, and 30 Students attended the Course, one withdrawing through illness after having registered. Had various accidental delays in advertising the Summer School been avoided, there would no doubt have been a larger attendance. Thirteen of those who joined were regular Students of the School of Librarianship; fourteen were librarians or assistants from Library Systems in Wales (6), Scotland (3), and England (5); three were new to Library work, and of these two have now become full-time Students.

Twenty-five Lectures were given—ten on the Practical Working of Rural Libraries, by Mr. R. Wright; five on Classification, by Mr. Sayers; five on Cataloguing, by Mr. Prideaux; four on Book Selection, by the Director; and one on Rural Library Systems, by Col. Mitchell. The Students were expected to attend at every lecture, and, with few exceptions, this expectation was realised. All the lectures were carefully adapted to the special requirements of the rural librarian, and were made thoroughly practical, with illustrations on the blackboard, from books, and by actual appliances. Those on Book Selection, for example, dealt largely with ways and means of educating country readers in the intelligent use of books, and of encouraging them to choose wisely for themselves. Stress was laid on the importance of cultivating local initiative.

The Students were taken on organised visits to the Somerset

County Repository at Burnham, the Bristol Public Libraries, and the Bath City Reference Library; a number also visited the Wilts County Repository at Trowbridge. At the end of each Course of Lectures a test paper was set, to be done by the Students at home the intention being to keep a detailed record of the performance of each Student. The papers have now been returned to the Student, with corrections by the Lecturers, and a record has been kept of the work done by each Student.

The Lectures usually ended at 3.15 P.M., after which the Students were taken on visits to places of interest, including Bristol Cathedral, the Church of St. Mary Redcliffe, the Lord Mayor's Chapel, the Red Lodge, St. Peter's Church and Hospital, the Bristol Museum and Art Gallery, the Church and monastic remains at Westbury-on-Trym, and the prehistoric earthworks at Clifton. Well-known local authorities kindly acted as conductors. At the week-ends, whole day excursions were arranged at Bath and Cheddar and Wells. At Bath the party were entertained to luncheon by Alderman Chivers, and were shown over the Baths by the Director and the City Architect, the Art Gallery by the Chairman, the Guildhall and the City Archives by the Town Clerk, the Holburne Museum by the Curator, the Abbey Church, the Botanic Gardens, etc. Mr. Frederick Harrison met the Students at luncheon. At Wells, Sir Edward Maunde Thompson, late Director of the British Museum, showed the party the Cathedral Library, and read a paper on the Cathedral, etc. A Lecture on local prehistoric finds was given at the Museum by the Curator, and the party visited the Bishop's Palace, where they were met by the Bishop of Bath and Wells.

The Public Inaugural Meeting was held at the University, the Lord Mayor of Bristol in the Chair, and was attended by about 100 persons, including the Chairman of the Public Libraries Committee, the Chairman of the Education Committee, various Aldermen and Councillors, representatives of County Education Committees, the University of Bristol, the Village Clubs Association, the Workers' Educational Association, etc. Long reports appeared in the Bristol, Clifton, and Bath newspapers, and both the School of Librarianship and the Rural Library movement in general will doubtless benefit by the publicity given to the views of the speakers and to the work of the Summer School. Some extra expense was incurred in advertising the Public Meeting, but when the accounts are made up the deficit will be considerably less than the amount which the Librarianship Committee sanctioned as the limit not to be exceeded. The three members of the College Staff (*i. e.* the Director and Messrs. Prideaux and Sayers) gladly contributed their services without further remuneration.

On the whole, the Summer School was an experiment well worth carrying out, and there is every reason to think that a second School next year would be still more successful. The Students were all very keen, they worked hard, and at the same time they enjoyed both the Lectures and the excursions. The latter were of such a nature as to stimulate the interest in local history and topography, which is important to the rural librarian. Most of the Students stayed at the University Hostel, where every attention was paid them by the Warden and the Housekeeper. The School is much indebted to the Lord Mayor and to other leading citizens for their kind services and hospitality.

(Sd.) ERNEST A. BAKER.

UNIVERSITY OF LONDON.

SCHOOL OF LIBRARIANSHIP.

Statement of Account for Year ended July 31st, 1920.

Receipts.	£	s.	d.
1920. July 31 To Carnegie Trustees *Grant for 1919–1920	1,500	0	0
Fees (Gross)	592	4	0
	£2,092	4	0
1920. Aug. 1 To Balance brought down	£195	2	10

Expenditure.	£	s.	d.
1920. July 31 By Salaries of Director and Members of Staff	1,060	1	6
Do. of Assistant to Director	100	0	0
Printing prospectuses, etc., and Expenses of Preliminary work in connection with formation of School	87	9	10
Advertising	7	10	6
Clerical assistance, postage, etc., for Routine correspondence of School	100	0	0
Travelling Expenses	21	13	1
Union Society subscriptions	34	13	0
Share of fees for classes other than Librarianship, 2 Administration charges	257	15	0
Shelving locks, etc., for Library	170	14	0
Books	31	4	9
Bookbinding materials, etc.	25	19	6
	£1,897	1	2
Balance carried forward	195	2	10
	£2,092	4	0

* £750 in respect of 1919–20 not received until 1920–21.

(Sd.) L. M. ALDER,
Assistant Accountant.

October 26th, 1920.

APPENDIX VIII.

REPORT ON THE BARTLETT SCHOOL OF ARCHITECTURE.

SESSION 1919–20.

The total number of Students working in the Day School was 86. Of this number:—

6 were Degree Students.
49 were Certificate Students.
31 were Students taking Special Courses.

The Certificate was awarded to six Second Year Students; two applicants were relegated in certain subjects.

The average number of designs produced by the Second Year Students was 4 per term.

60 Lectures were delivered during the Session by Prof. Richardson on Pre-classical, Greek, and Roman Architecture. These Lectures were supplemented by frequent visits to the British Museum.

60 Lectures were delivered by Mr. Arthur Stratton on Mediæval and Renaissance Architecture in Europe, and numerous theses were written in connection with these Lecture Courses.

Demonstrations on presentation of architectural drawings were given by Mr. Bradshaw, and on special subjects, including Byzantine Architecture, by Mr. Henderson.

60 Lectures were delivered on Building Construction by Mr. Martin Briggs, and these Lectures were supplemented by demonstrations in construction and materials given at the Carpenters' Company's School, Great Titchfield Street.

Second Year Certificate Students also attended classes on Structural Engineering, conducted by a member of the Staff of the Department of Engineering. Laboratory work in the Engineering Department was suspended until such time as special provision can be made for the requirements of architectural students.

The principles of sanitation were dealt with by the Lecturer on Building Construction, as it was found desirable to defer sending students to the Department of Hygiene for Lectures on Sanitary Science until such time as special provision could be made for the requirements of students of Architecture.

During the Vacations, students were encouraged to visit museums and historical buildings, the result being a representative exhibition of sketches and measured drawings, which was held at the beginning of this Session.

Many of the Students taking the Second Year Certificate Course volunteered to form the nucleus of the Third Year Course now under consideration, in connection with the educational scheme advocated by the R. I. B. A. and adopted by other Schools.

Evening School.

The Evening School had an average of 16 students per week, and although the classes were originally arranged to terminate at the end of the Second Term, the School was kept open one evening per week in the Third Term free of charge to the Students, the Instructor having volunteered to undertake the duties without extra remuneration.

(Signed) A. E. RICHARDSON,
Professor of Architecture.

(December 6, 1920).

APPENDIX IX.

DONATIONS TO THE LIBRARIES DURING THE YEAR ENDING DECEMBER 31st, 1920.

Those donors marked "*M*" have presented the volumes mentioned to the Mocatta Library.

		Vols.	Pmph.
M.	Abrahams, I.	1	0
	Academia das Sciencias, Lisbon	7	0
	,, Polytechnica do Porto	0	3
	Academy of Natural Sciences, Philadelphia	1	2
	Académie Royale de Belgique	11	3
	Adelaide Public Library	1	0
M.	Adler, Rev. M.	1	1
	Admiralty, Lords Commissioners of the	1	0
	Agricultural Research Institute, Pusa	1	2
	Aharonian, A.	1	0
	Air Ministry Library	1	0
	Airy, W.	0	1
	Akita Mining College, Japan	0	2
	Albert Kahn Foundation, Trustees of	1	0
	Alleghany Observatory	0	2
	American Academy of Arts and Sciences	6	0
	,, Geographical Society	2	0
M.	,, Jewish Committee	0	1
M.	,, ,, Historical Society	1	0
	,, Museum of Natural History	3	0
	,, Philosophical Society	2	0
	,, University Union	0	1
	Anzino, G. P.	1	0
	Asiatic Society of Bengal	0	2
	Astronomer Royal, Cape of Good Hope	1	1
	,, ,, Greenwich	4	0
	"Athenæum," Publishers of	2	0
	Australasian Institute of Mining Engineers	6	0
	Australia, Commonwealth of	0	4
	,, High Commissioner for	2	3
	Australian Museum	1	3
	Bairamian, V. R.	1	0
	Baker, H. A.	0	1
	Bartlett, Mrs.	2	0
	Bayliss, Prof. W. M.	1	0
	Baynes, N. H.	3	0
	Bibliotheca Nazionale Centrale di Firenze	1	0
	Birkenhead, Lord	1	0
	Birmingham and Midland Institute	2	1
	Bishop, W. W.	0	1
	Björkhagen, I.	2	0
	Blöndal, S.	2	0
	Board of Scientific Studies	1	0
	,, Trade	4	0
	Boston Public Library	1	13
	Bragg, Sir William H.	2	0
	Bristol Naturalists' Society	0	1
M.	British and Foreign Bible Society	0	1
	,, Astronomical Association.	1	1
	,, Engineering Standards Association	0	14
	,, Museum (Natural History)	6	9
M.	,, Palestine Committee	2	0
	Brown, C. H. L.	1	0
	Browne, G. E.	1	0
	Brown University, Providence	2	0
	Bureau of Standards, Washington	1	20
	Butler, F. M.	1	0
	,, Prof. H. E.	22	0
	Buxton, N.	1	0
	California Academy of Sciences	2	0
	Cambridge Philosophical Society	1	3
	Canada, Dept. of Mines	0	16
	,, Government of	1	0
	Canadian Historical Documents Publication Board	2	0
	,, Institute	0	1
	Cape Town, Corporation of	1	0
	Cary, M.	0	1
	Carnegie Endowment for International Peace	1887	0
	,, Institution of Washington	21	0
	,, Trust for Universities of Scotland	1	0
	,, United Kingdom Trust	1	0
	Carus-Wilson, C.	0	1
	Chambers, Dr. R. W.	2	0
	Chemical Society	4	0
	Chester Society of Natural Science	0	1
	China, Govt. of	4	0
	Choveaux, Mrs.	6	1
	Cippico, Prof. A.	5	9
	City of London College	1	0
	Cleveland-Stevens, W.	10	0
	College of Science, Japan	3	0
	"Colliery Guardian," Publishers of the	2	0
	Colombo Museum	0	1
	Commonwealth Institute of Science and Industry, Melbourne	2	0
	Congress of American Physicians and Surgeons	1	0
	Cotteswold Naturalists' Field Club	0	1
	Council of Law Reporting	1	0
	Croydon Natural History and Scientific Society	0	1
	Czecho-Slovak Bureau of Information	1	33
	,, Press Bureau	3	0
	Cuerpo de Ingenieros de Minas, Peru	0	2
	Dansk geologisk Forening	0	1
	Dante Society	0	11

	Vols.	Pmph.
Davies, D.	0	1
Davis, J. W.	0	1
Dent, J. M., & Co.	1	0
Dunraven, Earl of	0	1
Duparc, Prof.	2	0
Dutens, Mme.	2	0
East India Association	1	0
,, London College	1	0
Edinburgh Geological Society	0	1
Egypt, Ministry of Public Works.	2	0
M. Emanuel, F.	0	2
Engineers' Society of Western Pennsylvania	1	0
Ericsson, Miss K.	39	0
Esdaile, A	0	2
Essex Field Club	0	2
Eumorfopoulos, N.	9	1
Field Museum of Natural History	0	2
Fitzgerald, J. W.	0	1
Fleming, Prof. J. A.	2	0
Folk-Lore Society	3	0
Formosa, Government of	1	0
Fortescue, Rev. Dr. A.	2	0
Foster, Sir Gregory	0	18
France, Ministère de l'instruction publique	0	3
Franklin Institute	1	0
Gardner, Prof. F. A.	8	2
Garwood, Prof. E. J.	1	5
Gates, R. R.	0	1
Geographical Association	0	3
Geological Institution of the University of Upsala	1	0
,, Society	1	3
,, ,, of America	1	0
,, ,, ,, Glasgow	0	1
,, ,, ,, South Africa.	1	1
,, Survey of Great Britain	8	1
,, ,, ,, Illinois	13	0
,, ,, ,, India	0	4
,, ,, ,, Maryland	7	0
,, ,, ,, New Jersey.	0	7
,, ,, ,, Western Australia	1	0
Geologische Staatsanstalt, Wien	9	0
Geologiska Föreningen, Stockholm	2	0
Geologists' Association	2	2
George Williams Hooper Foundation for Medical Research	1	0
Geyl, Prof. P.	0	1
Grattan, J. H. G.	0	3
Greek Bureau of Foreign Information	1	2
Grenfell, Mrs.	3	6
Griffiths, L. M.	0	1
Gröndahl, I.	1	0
Halliburton, Prof. W. D.	3	0
Harley, the late Mrs. Geo.	95	0
Hartog, P. J.	3	9
Harvard College Library	1	0
M. Hayes Certified School for Jewish Boys	0	1
Headicar, B. M.	0	1
Hill, Prof. M. J. M.	2	0
Hirschfield, Dr. H.	0	1
Housman, Prof. A. E.	1	0
Hurst, G. H. J.	21	0
Hyderabad Observatory	1	0
"Illuminating Engineer," Publishers of the	1	0
Incorporated Association of Assistant Masters	1	0
India, Government of	1	0
India Office	3	8

	Vols.	Pmph.
Institute of Bankers	1	0
,, ,, Chemistry	1	0
,, ,, Marine Engineers	2	0
Institution of Civil Engineers	3	3
,, ,, Electrical Engineers.	1	0
,, ,, Mechanical Engineers	2	0
,, ,, Naval Architects	1	0
International Health Board	1	0
Iron and Steel Institute	2	0
Iveagh, Lord	1	0
Japan, Government of	0	2
M. Jewish Regiment Committee	1	0
M. "Jewish Tribune," Editor of	1	0
M. Jewish War Memorial	0	6
M. Jews' College	1	0
John Crerar Library	0	1
John Rylands Library	4	9
Johns Hopkins University	2	0
Jones, D. W. C.	10	0
Junior Institution of Engineers	1	0
Kârre, K.	1	0
Keir, Lt.-Gen. Sir John	1	0
Kentucky Geological Survey	1	1
Ker, Prof. W. P.	5	0
King's College, London	1	0
Kodaikanal Observatory	4	1
Korostovetz, J. F.	1	0
M. Landau, L.	1	0
Larsen, A.	0	1
M. League of British Jews	1	0
,, ,, Red Cross Societies	1	1
M. Levy, Rev. S.	6	84
Library of Congress	6	1
Liverpool Geological Society	0	2
London, Corporation of	0	1
London Mathematical Society	2	0
,, School of Economics	56	0
Macmillan & Co.	3	0
McKerrow, Dr. R. B.	1	0
Magnetical and Meteorological Observatory, Batavia	1	0
Manchester Literary and Philosophical Society	1	0
,, Museum	1	1
,, Steam Users' Association	0	1
Marine Biological Laboratory, Woods Hole, Mass.	1	0
Marks, Miss C. I.	1	0
M. Marks, P. J.	0	8
Martellotta, Prof. V.	1	0
Matthews, Prof. E. R.	0	1
Medical Research Council	0	19
,, Officer of Health, St. Marylebone	1	0
Melbourne Public Library	2	4
Meteorological Committee	0	2
,, Office	3	5
Mexico, Archivo general de la Nacion	1	0
Michigan College of Mines	1	0
Missouri Botanical Garden	0	2
,, Bureau of Geology	0	1
Modi, J. J.	1	0
Montague, Prof. F. C.	1	0
Montijn, A. M. M.	0	1
Morey, F.	0	15
Mozley, J. R.	4	0
Murison, Prof. A. F.	13	0
Murray, Miss M. A.	1	0
Natal Government Museum	0	1
National Bank of Commerce in New York	2	2
,, Physical Laboratory	2	0

	Vols.	Pmph.
Newcombe, L.	5	1
New South Wales, Government of	2	1
New York Public Library	0	1
,, ,, State Library	0	51
New Zealand, Government of	2	0
,, ,, Institute	1	0
North of England Institute of Mining Engineers	1	3
Norton, The Misses	24	2
Norwich Public Library	0	1
Nova Scotian Institute of Science	0	1
Observatoire royal de Belgique	1	2
Osaka Library	1	0
Patent Office	1	0
Pearson, Prof. K.	1	0
M. Petrie, Prof. W. M. F.	1	0
Philological Society	15	2
Physical Society	1	0
Platt, Prof. J. A.	4	1
Pollard, Prof. A. F.	2	0
Polish Press Bureau	0	1
Porritt, B. D.	0	1
M. Price, J. J.	1	0
Priebsch, Prof. R.	12	0
Princeton University	2	0
Quebec, Agent-General of	1	0
Queensland Museum	0	1
Queen's University, Kingston, Ontario	1	0
Quekett Microscopical Club	0	2
R. Accademia dei Lincei	4	3
,, ,, delle Scienze di Torino	1	0
,, ,, di Archeologia, Napoli	0	2
Read, C.	11	1
Read, Sir Hercules	4	0
Registrar-General, Dublin	2	7
Reay, Lord	55	37
Reichel, Sir H. R.	0	1
Richardson, Prof. A. E.	0	1
Roberts, Mrs. F. T.	4	12
Robertson, Prof. J. G.	6	4
Rockefeller Institute for Medical Research	5	0
Röntgen Society	1	0
Rotton, Sir John F.	41	2
Royal Academy, Stockholm	1	0
,, Alfred Observatory, Mauritius	1	0
,, Anthropological Institute	3	0
,, Astronomical Society	1	1
,, College of Surgeons	1	0
,, Colonial Institute	1	1
,, Dublin Society	0	13
,, Engineers' Institute	1	0
,, Institute of British Architects	3	0
,, Irish Academy	0	5
,, Microscopical Society	1	0
,, Sanitary Institute	1	0
,, Scottish Geographical Society	1	0
,, Society of Canada	1	0
,, ,, ,, Edinburgh	1	2
,, ,, ,, London	19	2
,, ,, ,, Victoria	0	2
,, Statistical Society	1	0
,, United Service Institution	0	1
Rye, R. A.	2	0

	Vols.	Pmph.
Salford, County Borough of	0	1
School of Oriental Studies	0	2
Scott, Prof. W. R.	2	0
Serviço geologico do Brasil	1	0
Shearman, Dr. A. T.	0	1
M. Singer, Dr. C.	186	10
Smith, Prof. G. Elliot	8	0
Smith, Miss K. F.	1	0
Smithsonian Institution	17	9
Snead & Co., Ironworks	1	0
Società geografica italiana	2	0
,, reale di Napoli	4	2
Société de Géographie, Paris	2	0
,, ,, Physique, Geneva	1	0
,, géologique de France	1	1
,, linnéenne de Bordeaux	1	1
,, ,, ,, Normandie	0	2
,, suisse de Chemie	0	2
Society for Experimental Biology	1	0
,, of Antiquaries	2	0
,, ,, Chemical Industry	1	0
Somersetshire Archæological Society	1	0
South Wales Institute of Engineers	0	3
Starling, Mrs. E. H.	28	4
Stonyhurst College	1	0
M. Swaythling, Executors of the late Lady	1	0
Sweet and Maxwell, Messrs.	1	0
Taylor, A. T.	1	0
Thacker, Spink & Co.	1	0
Thornley, Miss I. D.	1	0
Tôhoku Imperial University	1	4
Tokyo Zoological Society	0	1
Toynbee, Dr. P.	1	0
Transvaal Museum	0	4
Tufts College, Mass.	0	3
Turquet, Mme.	1	0
Union of South Africa High Commissioner for	1	0
United States, Department of Agriculture	3	0
,, ,, Geological Survey	17	15
,, ,, Naval Observatory	2	0
M. United Synagogue	1	0
Universities Bureau	1	0
University College, Galway	1	0
,, ,, Hospital Medical School	1	0
,, ,, London, Union Society	1	2
,, ,, of South Wales	1	0
,, Correspondence College.	1	0
,, of Aberdeen	1	2
,, ,, Adelaide	1	0
,, ,, Akron	0	1
,, ,, Birmingham	1	0
,, ,, California	5	3
,, ,, Chicago	1	0
,, ,, Christiania	4	0
,, ,, Durham	3	0
,, ,, Edinburgh	3	0
,, ,, Glasgow	1	0
,, ,, Groningen	1	0
,, ,, Havana	0	2
,, ,, Illinois	1	1
,, ,, Kyoto	1	2
,, ,, Liverpool	1	0
,, ,, Madras	3	0

	Vols.	Pmph.
University of Melbourne	1	0
,, ,, Michigan	0	1
,, ,, Minnesota	0	37
,, ,, Nebraska	1	0
,, ,, Paris	1	0
,, ,, St. Andrews	3	0
,, ,, Sheffield	0	1
,, ,, Tokyo	0	4
,, ,, Toronto	1	14
,, ,, Utrecht	0	1
,, ,, Western Australia, Perth	1	0
Victoria University, Manchester	1	0
Videnskabs-Selskabet, Christiania	3	0
,, ,, Copenhagen	2	0

	Vols.	Pmph.
Village Clubs Association	0	1
Wayland, E. J.	0	2
M. West London Synagogue of British Jews	0	6
Whitechapel Art Gallery	0	1
Wilson Ornithological Club	1	0
Winterthur Stadtbibliothek	1	0
"Wireless World," Publishers of the	1	0
Witt, R. C.	1	0
Yorkshire Naturalists' Union	1	0
,, Philosophical Society	1	0
M. Zionist Organisation	0	2
Zoological Society	1	1